

20010211.qrp v02_n095.qrl.20010211

Date: Sun, 11 Feb 2001 19:03:09 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2095

QRP-L Digest 2095

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by Fran Flynn <fflynn@adelphia.net>
- 4) [91260] TenTec "fast acting" circuit breakers FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
- 5) [91261] Re: Lightning!
by David Sarraf <david.sarraf@paonline.com>
- 6) [91262] Re: Lightning!
by Bill Stietenroth <k5zty@juno.com>
- 7) [91263] Re: Lightning!
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- 8) [91264] K1 #56
by David J Adams <david@theadamsclan.com>
- 9) [91265] military 24 hr watches ??
by "Michael Herman" <kc9nf@hotmail.com>
- 10) [91266] re:fs
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by Phil Wheeler <w7ox@earthlink.net>
- 12) [91268] FS: Unbuilt Kanga ONER Kits
by Ed Kessler <edkess@epix.net>
- 13) [91269] Metal Bending Calculator
by KB7WW Art Moe <kb7ww@chatusa.com>
- 14) [91270] Upcoming QRP mini-dxpedition
by Richard Clem <clem.law@usa.net>
- 15) [91271] K1 E42 Message
by ABCQRP <w6abc@yahoo.com>
- 16) [91272] FYI - I just saw this item OHR400 setup
by "John A. Evans - N0HJ" <jaevans@codenet.net>
- 17) [91273] SMK-1 Question
by "Jensen, Gary" <GJensen@shaklee.com>
- 18) [91274] Re: K1 E42 Message
by "James Parsons" <res075cz@gte.net>
- 19) [91275] Re: SMK-1 Question

- by Phil Wheeler <w7ox@earthlink.net>
- 20) [91276] Re: SMK-1 Question
by "ZOOM" <kandrparker@sympatico.ca>
- 21) [91277] Re: SMK-1 Question
by "Trevor Jacobs" <fxtech@earthlink.net>
- 22) [91278] Coax between Rig/Tuner Figures
by "Adrian Weiss" <aweiss@usd.edu>
- 23) [91279] First Saturday Meetings
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 24) [91280] Re: SMK-1 Question
by Fran Flynn <fflynn@adelphia.net>
- 25) [91281] Brien Pepperdine?
by "Dave Fifield" <ad6a@earthlink.net>
- 26) [91282] 18-Pin SOIC ZIF? (was "Another SM question")
by "Dave Fifield" <ad6a@earthlink.net>
- 27) [91283] Re: current consumption in FT817???
- by "Dave Fifield" <ad6a@earthlink.net>
- 28) [91284] Question about Sound Card Software
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 29) [91285] Stimmen zum 9.ORIGINAL-QRP-CONTEST (30/31. Dez. 2000)
by mike.mhe@t-online.de (Michael Haugrund)
- 30) [91286] Help: Ten-Tec 1330 kit
by "Mike Swift" <m0cqg@dial.pipex.com>
- 31) [91287] Re: Help: Ten-Tec 1330 kit - Solved!
by "Mike Swift" <m0cqg@dial.pipex.com>
- 32) [91288] UHF frequency range on US version 706MK2G and FT817
by "Donny Sirait" <dsirait@centrin.net.id>
- 33) [91289] Manuals & ladder line
by nilsbull@juno.com
- 34) [91290] Re: 18-Pin SOIC ZIF? (was "Another SM question")
by "John J. McDonough" <wb8rcr@arrl.net>
- 35) [91291] Re: K1 E42 Message
by "Joe Roof" <jroof@mindspring.com>
- 36) [91292] The Quarter Wave Coax Advantage
by John R Kirby <n3aaz-qrp@juno.com>
- 37) [91293] FS: Red Hot 40 & LDG Z-11
by "Rod Cerkoney" <n0rc@hotmail.com>
- 38) [91294] Our latest qrp gettogether...
by neil tanner <ntan@crosslink.net>
- 39) [91295] Custome Service - AADE L/C Meter
by "A Turner" <aturner13@triad.rr.com>
- 40) [91296] FOX - Team Results - correction1 -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 41) [91297] Re: The Quarter Wave Coax Advantage
by "Don Wilhelm" <w3fpr@arrl.net>
- 42) [91298] FSD: LDG tuners, 1 QRP, 1 QRO
by Michael Goins <mgoins@usa.net>
- 43) [91299] Re: current consumption in FT817???

by Wayne Burdick <n6kr@elecraft.com>
44) [91300] Re: FS: Red Hot 40 & LDG Z-11 **update**
by "Rod Cercone" <n0rc@hotmail.com>
45) [91301] More items on K5JS Web Page
by Karl Heimbach <kheimbach@earthlink.net>
46) [91302] Appalachian Trail 02-10-01 Wrap-up
by "Ron Polityka" <wb3aal@fast.net>
47) [91303] Re: Another Tuna Tin mod - switched cap VX0
by wb2vuo@juno.com
48) [91304] Re: Custome Service - AADE L/C Meter
by Pete Burbank <plburbank@kih.net>
49) [91305] Application . . . Re: The Quarter Wave Coax Advantage
by John R Kirby <n3aaz-qrp@juno.com>
50) [91306] Sprints and Antennas
by "Ron, KU7Y" <ku7y@qsl.net>
51) [91307] Strange QRM problem
by RangerSF5@aol.com
52) [91308] RE: K1 E42 Message
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
53) [91309] Re: cabinet latch source?
by n2go@arrl.net
54) [91310] Re: current consumption in FT817???
by "Rod Cercone" <n0rc@hotmail.com>
55) [91311] Cub Fox's Look
by "Karl F. Larsen" <k5di@zianet.com>
56) [91312] TEST: QRP-ARCI SSB Today !!
by "Mark Adams, P.E." <k2qo@hotmail.com>
57) [91313] Looking for 20m crystal
by Ed Kessler <edkess@epix.net>
58) [91314] Re: Strange QRM problem
by "Cla KA0GKC" <ka0gkc@arrl.net>
59) [91315] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>
60) [91316] Re: FS: Red Hot 40 & LDG Z-11 **update**
by "Rod Cercone" <n0rc@hotmail.com>
61) [91317] Re: TEST: QRP-ARCI SSB Today !!
by "Karl F. Larsen" <k5di@zianet.com>
62) [91318] Re: current consumption in FT817???
by "Dave Fifield" <ad6a@earthlink.net>
63) [91319] Re: current consumption in FT817???
by Wayne Burdick <n6kr@elecraft.com>
64) [91320] Re: The Quarter Wave Coax Advantage
by "George, W5YR" <w5yr@att.net>
65) [91321] Re: current consumption in FT817???
by "Rod Cercone" <n0rc@hotmail.com>
66) [91322] K1 Internal Battery
by "N3BJ" <qrpdx@earthlink.net>
67) [91323] Re: K1 Internal Battery

- by Phil Wheeler <w7ox@earthlink.net>
- 68) [91324] Re: Strange QRM problem
by "Bob Tellefsen" <n6wg@earthlink.net>
- 69) [91325] Re: Sprints and Antennas
by "Bob Tellefsen" <n6wg@earthlink.net>
- 70) [91326] AADE L/C Meter IIB (longish)
by "Chuck Carpenter" <w5usj@globeco.net>
- 71) [91327] Re: bending aluminum ?
by "Tom K" <kkleiner@megsinet.net>
- 72) [91328] Announcement: ScQRPion K7Q0 Manhattan Building Contest
by Brian Kassel <bkassel@dancris.com>
- 73) [91329] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 74) [91330] FOX - Team Results - correction1 -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 75) [91331] Radio Amateur Call Book CDRom Review
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 76) [91332] Re: TEST: QRP-ARCI SSB Today !!
by Andrew Madsen <andrew@utahdesign.com>
- 77) [91333] Re: Strange QRM problem
by RangerSF5@aol.com
- 78) [91334] Re: NE 602/NE 612
by Fran Flynn <fflynn@adelphia.net>
- 79) [91335] FS in the UK: 40m MFJ Cub
by "Mike Swift" <m0cqg@dial.pipex.com>
- 80) [91336] Ten-Tec 1330 - advice to builders
by "Mike Swift" <m0cqg@dial.pipex.com>
- 81) [91337] FS: LDG tuners, etc.
by Michael Goins <mgoins@usa.net>
- 82) [91338] TenTec 248 Noise Blanker FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
- 83) [91339] bending aluminum ?
by David Sarraf <david.sarraf@paonline.com>
- 84) [91340] RE: current consumption in FT817???
by "Bill Johnson" <b1ljohn@msn.com>
- 85) [91341] RE: Coax between Rig/Tuner Figures
by Nick Kennedy <nkennedy@tcainternet.com>
- 86) [91342] re:fs
by Gsdavis7070@cs.com
- 87) [91343] FS: Wilderness Sierra & Accessories de K7SZ
by Dave Redfearn <n4elm@home.com>
- 88) [91344] FS: Ten-Tec Scout & Accessories
by Dave Redfearn <n4elm@home.com>
- 89) [91345] FS: Ten-Tec Argonaut 515 QRP Transceiver
by Dave Redfearn <n4elm@home.com>
- 90) [91346] Fireside SSB Test: 28.385MHz
by "N7SG K7FD" <cqdx@teleport.com>
- 91) [91347] Scrounging parts

- by "Brian Murrey" <bmurrey@amexol.net>
- 92) [91348] Re: Strange QRM problem
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 93) [91349] Building a Backpacking Station
by "Steven Weber" <kd1jv@moose.ncia.net>
- 94) [91350] Scrounging parts and making do (metering) - long
by "AI2Q Alex" <ai2q@adelphia.net>
- 95) [91351] Test -- please disregard
by "Marty N5NW" <n5nw@onebox.com>
- 96) [91352] FS Ten Tec 30m qrp
by paul taylor <ptay1@bestweb.net>
- 97) [91353] Re: Building a Backpacking Station
by "Karl F. Larsen" <k5di@zianet.com>
- 98) [91354] Happy Valentines Day (UTC) from the Fox
by "James R. Duffey" <jamesd1@flash.net>
- 99) [91355] [TMPS] de W5USJ
by "Chuck Carpenter" <w5usj@globeco.net>
- 100) [91356] Fireside Sprint Wrap-up
by Kenneth Hoglund <hoglund@wfu.edu>

Date: Sat, 10 Feb 2001 16:44:01 -0700
From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [91257] Wal Wart Dipole & more?
Message-ID: <MABBIKAEJKMHLIDDGMCKEEAMCEAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang, anyone try the golf ball retriever's from Wal Mart for either a cheap rotatable dipole, quad spreaders, or a portable 2 ele beam? I got a pair of them and they work great, but do require a few mods. With a little sanding they work FB. Have one set up as a rotatable dipole now, and am thinking about buying 2 more to make a rotatable 2 ele beam. Total cost is about 40 bux. How bout a 2 ele quad for about 80 bux?

Don't buy the 9' poles as I think they are made of plastic and are more expensive at 12 bux. The anodized(yuck) aluminum 15 footers are only 9.99!

I really like mine. 72, Tom WB5QYT..."Have spud will travel!"

Date: Sat, 10 Feb 2001 19:06:17 EST

From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [91258] Re: Lightning!
Message-ID: <73.ae38f79.27b73179@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

When Chatham Radio, WCC was in operation, the transmitter site engineer told me a story of a fierce thunderstorm that came their way.

Lightning was striking the ground about every mile down the beach, heading towards the transmitter site antenna farm in short order. About every minute, BAM! BAM! When the storm was situated over the antenna farm, there was no leader, only a pathetic bolt splitting off in wierd directions but not striking a thing. The storm then continued on its merry way BAM! BAM! further down the beach until it was gone.

The engineer surmised that due to the massive size of the antenna farm, and the salt water marsh that it was located on, it had effectively "sucked the cloud dry" and held off any significant charge that might have built up to cause a strike.

Wish I could seen that.

72

Howard Kraus, K2UD

Date: Sat, 10 Feb 2001 19:21:58 -0500
From: Fran Flynn <fflynn@adelphia.net>
To: qrp-1 Discussion <qrp-1@Lehigh.EDU>
Subject: [91259] Re: OT: Tube radio and Sierra mods
Message-ID: <3A85DB26.D80AB43F@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John, I hope your not a medical doctor by trade.

Obqrp: I am modifying a Sierra to increase power. I am using a 1:4 matching xformer in place of the RF choke to couple the final to the low pass filer, and a ECG311 (kind of like a 2N5109) in the driver stage, the final is a 2SC2075. It makes 5 watts on 40, but no more than 1 w on 15m. How do I get more 'juice' on the higher bands? Thanks.

> > Am I nuts or do I need another shocky?
>
> The two things are not always exclusive.
>
> As a Drake owner, you could be both (g)

Take 120 volts and call me in the morning ;-)

72,

John, K6QQ

Date: Sat, 10 Feb 2001 19:31:03 -0500
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [91260] TenTec "fast acting" circuit breakers FS
Message-ID: <00c801c093c1\$ec0b2b20\$4891d4d1@toshiba>

For Sale:

TenTec "fast acting" DC circuit breakers.

Many QRPers are using TenTec rigs, and might be interested.

TenTec has a fast current limiting circuit built in to their power supplies. If you are using your TenTec rig on a battery, mobile, or on a power supply made by another manufacturer, you do not have the protection that is built in to the TenTec power supplies.

To help this situation, TenTec sold 3 different models of very fast acting magnetic circuit breakers, depending on the current consumption of the rig. This circuit breaker can also be used as an On-Off switch for mobile use.

Model 1140 is used for all of the 100 W output rigs, including the Triton, Omni, Delta, Paragon, and any of the other "big rigs". It is made to carry 18 amps.

Model 1125 is used with the 50 W output rigs. It was specified for the Argosy, and I would assume also the Scout. It was made to carry 9 to 10 amps.

Model 1170 (also called 1179) was made to be used with the Century CW only rigs (both Century 21 and 22). It was made to carry 5 amps.

I know that I had some of these around, and there was a discussion and people wanting to get them on one of the mailing lists I am on (I don't remember which one).

In any case, I finally unpacked the right box, and found a couple.

It should be noted that these can also be used with other rigs, such as 2 meter rigs, to protect, or even keep your current consumption (and therefore QRP level) down, and also to act as a switch.

I have an 1140 that appears to be new in the box, as best I can tell. \$ 15

I also have an 1125, that appears that it might be new. It has never been soldered to, but is not in its box. \$ 10

I also have an 1170 and an 1179, in same condition as the 1125 above. \$ 10

All of them have their paper work with them, although there is not much to hooking them up -- open the positive 13 V DC line, and insert the breaker in series.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@fdt.net or W8EK@juno.com
Voice Phone (352) 732-8400

Date: Sat, 10 Feb 2001 20:45:33 -0500
From: David Sarraf <david.sarraf@paonline.com>
To: ku7y@qsl.net
Cc: qrp-1@Lehigh.EDU
Subject: [91261] Re: Lightning!
Message-ID: <3A85EEBD.777C96BB@paonline.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ron:

Good post. I have a few comments:

>What we did do was to mount the antennas below the top of the tower.
One site, Wilson Peak, would take the rig off a
> couple of times per year. After moving the antenna below the top of
the tower we never lost another one!:-)

This is an excellent idea. You gain the natural protection that the tower offers and lose only a foot or two of elevation. At 110' you would never notice the slight loss of elevation.

> I did make a little "spike" thing to go at the very top. It was connected
> to the mast and was at about 110'. It consisted of several steel rods about
> 1/4" dia that were sharpened to a very fine point on one end. The other end
> were welded to a 1" pipe about 15' long. This pipe was fastened to the top
> of the mast.

This one sounds like an "air terminal". The idea makes lots of sense to me. The pointy electrodes slowly and continuously bleed away the potential difference between the tower and the cloud. Hopefully you avoid getting the cloud's attention and the lightning hits your neighbor's CB antenna instead.

> Did it do any good?? You bet..... it made me feel better and that's worth
> it! And I never took a direct hit. Did the little "pointy" thing have
> anything to do with that? Who knows!

A speaker at our local club meeting had nothing kind to say about air terminals. This was just one person's opinion based on his experience in a region not known for a superabundance of lightning hits. Obviously

you have seen otherwise. Does anyone else in the group have experience with air terminals?

> I'm a firm believer that static build up on antennas cause far more damage
> to ham rigs than lightning does. And it can be controlled with something as
> simple as a resistor.

A buddy in Virginia put an RF choke across the driven element of his beam antenna. A-B testing showed that the choke greatly reduced the noise level on receive without hurting the signal strength. He had lots of other clever tricks, including immersing the tuning caps on an attic-mounted antenna in oil-filled pill bottles. This both increased their capacitance and shielded them from dust and bird poop.

Dave Sarraf
N3NDJ

Date: Fri, 9 Feb 2001 17:53:57 -0600
From: Bill Stietenroth <k5zty@juno.com>
To: wb5rue@arrl.net
Cc: qrp-l@Lehigh.EDU
Subject: [91262] Re: Lightning!
Message-ID: <20010210.195431.-3864629.0.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Thu, 8 Feb 2001 19:29:07 -0600 "Kevin Muenzler WB5RUE"
<wb5rue@arrl.net> writes:
> there is nothing that you would want to spend your money on that
> would
> protect from a direct strike.

Take a look at Polyphaser. They can protect your equipment from a direct strike. Our repeater antenna has been hit numerous times. Vaporized the aluminum antenna, no transceiver damage. We have now put up a Station Master Antenna and no antenna damage. So, you can protect yourself, and protection doesn't cost as much as new equipment.

Bill, K5ZTY

Houston, TX

Date: Sat, 10 Feb 2001 21:37:13 EST
From: K5BDZ@aol.com
To: k5zty@juno.com, qrp-1@lehigh.edu
Subject: [91263] Re: Lightning!
Message-ID: <c8.109f7773.27b754d9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Bill, K5ZTY, has a great point!

I've never taken a direct hit from lightning...(see below!)...probably due to the "pointy" objects I've placed on the towers / antennas to diffuse any static and prevent build-up. ALSO for 30 plus years, I've put stainless steel bottle brushes inside the elements of my beams (and some verticals) so the tiny brush bristles could also diffuse static energy without detuning the antenna.

But!!!! about 4 years ago, our neighbor two doors down took a direct hit, which traveled down the stainless support cable of Cable TV, jumped to my guy wire, to the tower, and across to my roof mounted Cushcraft R5, blowing the plastic tuned circuit housing to pieces over 5 neighboring lots. Nothing I could do about that! But the equipment inside was saved due to a homebrew device similar to Polyphaser.

There are many unknowns that can over-ride even careful planning. Like I said, K5ZTY has a great point!
Bill, K5BDZ

Date: Sat, 10 Feb 2001 18:39:44 -0800
From: David J Adams <david@theadamsclan.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91264] K1 #56
Message-ID: <3A85FB70.3378EF9F@theadamsclan.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings! After a ridiculously long delay (I did buy the thing at Pacificon), K1 #56 is on the air (40/20). The noise blanker is installed and humming (or rather not humming) along. It would have been built sooner, but my no-travel job can't seem to keep me out of

airplanes for more than two or three days at a time. The rig is what you'd expect from Elecraft, quality boards, feature rich, and a fun build...

Complaints? Install the bottom-side components first (contrary to the manual). You'll find the build much easier. I think their diode silkscreen is funny looking. I hate tagging caps onto the back of boards (in this case, the rev C noise blanker).

As you can see, minor complaints at the worst. I like the rig and it will be travelling with me to Mansfield, Mass for a two-week business trip next week...I have to put together my BLT first of course...

73 de dave, n9uxu

Date: Sun, 11 Feb 2001 03:01:08
From: "Michael Herman" <kc9nf@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [91265] military 24 hr watches ??
Message-ID: <LAW2-F2613oHMwVN7mi00000899@hotmail.com>
Mime-Version: 1.0
Content-Type: text/html

<html><DIV>qrp also interested in collecting military watches/clocks??</DIV>
<DIV> </DIV>
<DIV>N9nf</DIV><br clear=all><hr>Get your FREE download of MSN Explorer at http://explorer.msn.com
</p></html>

Date: Sat, 10 Feb 2001 22:08:06 EST
From: Gsdavis7070@cs.com
To: qrp-l@lehigh.edu
Subject: [91266] re:fs
Message-ID: <aa.10f3a049.27b75c16@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Heathkit model HM-11 reflected power meter. Front is perfect. Sides , back and bottom are perfect, but top is a 7 because of little dent and a small scratch. Meter in excelent shape. works. Overall condition isgood to excellent and it is very shiny. 30.00 plus ship.
Gordy Nw0y

Date: Sat, 10 Feb 2001 19:21:31 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: david@theadamsclan.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91267] Re: K1 #56
Message-ID: <3A86053B.E9B13853@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David J Adams wrote:

>
> Greetings! After a ridiculously long delay (I did buy the thing at
> Pacificon), K1 #56 is on the air (40/20). The noise blanker is
> installed and humming (or rather not humming) along. It would have been
> built sooner, but my no-travel job can't seem to keep me out of
> airplanes for more than two or three days at a time. The rig is what
> you'd expect from Elecraft, quality boards, feature rich, and a fun
> build...
>
> Complaints? Install the bottom-side components first (contrary to the
> manual). You'll find the build much easier.

Not always good advice, since you can end up flowing solder into holes
used by components on top.

>
> As you can see, minor complaints at the worst. I like the rig and it
> will be travelling with me to Mansfield, Mass for a two-week business
> trip next week...I have to put together my BLT first of course...
>

What, no KAT1??

73, Phil

Date: Sat, 10 Feb 2001 22:27:13 -0500
From: Ed Kessler <edkess@epix.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91268] FS: Unbuilt Kanga ONER Kits
Message-ID: <5.0.2.1.0.20010210221944.009f88f0@mailhost.epix.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

I have three of the ONER kits that I probably will never get around to using. Anybody interested?

New price for all three kits is \$43 plus shipping. I'll let these go for \$35 including shipping to CONUS. Below is Bill's, N8ET, description of each kit. They come with the original documentation. Will consider trades for QRP stuff.

73s

Ed AA3SJ

The ONER Transmitter - \$11

The transmitter consists of three transistors providing up to 2 watts output using a VN10KM as the final stage. The frequency depends on the crystal you supply, or the frequency of the VFO listed below. Note that the power drops off as the frequency gets higher, so don't expect 2 watts on 10 meters, but it does provide useful output on 10. (SPRAT 45, CQ Feb. '93)

The ONER does not have any output filtering included with the transmitter. It does put out a fairly healthy set of harmonics, and we strongly recommend that you also purchase an appropriate Low Pass Filter that is described below.

The ONER QSK Changeover Unit - \$21

This little board is what makes a complete functional transceiver out of the other three boards. It provides the antenna switching, switches the +12 volts for transmit or receive, and also provides a sidetone while the receiver is muted. This little QSK board could be used with almost any QRP TX/RX pair. (SPRAT 56)

Low Pass Filter - \$11

The filter kit consists of all the capacitors and inductors (wire and toroid cores), and the pc board. You supply a small case and connectors, or build it right in to the main project you are working on.

Date: Sat, 10 Feb 2001 19:31:09 -0800

From: KB7WW Art Moe <kb7ww@chatusa.com>

To: qrp <qrp-l@lehigh.edu>, Amps <amps@contesting.com>

Subject: [91269] Metal Bending Calculator

Message-ID: <3A86077D.9A187F9D@chatusa.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Found this on line today and thought that those of you who build,
or would like to build, your own chassis or cabinets might like it.

It calculates "Bend Allowances" online.

<http://www.interl.net/~joemansh/smbc.html>

Art
KB7WW

Date: 10 Feb 2001 22:09:14 CST
From: Richard Clem <clem.law@usa.net>
To: qrp-1@Lehigh.EDU
Subject: [91270] Upcoming QRP mini-dxpedition
Message-ID: <20010211040914.8191.qmail@nwcst313.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

I'm going on a short vacation next week to Germany, and acquired my MFJ-9=040 for that trip. I've been playing around with it for the last couple of days, and to my amazement, the thing actually works! I've managed to work a couple of Europeans (OK, both of whom were running a KW and beam antennas). I'm sure transatlantic QSO's with QRP on both ends happen every day on 40, but I've never been party to one.

So it occurred to me, I should probably try to work some QRP W/VE's while I'm there. I'll be there two nights (Wednesday and Thursday nights/Thursday = and Friday mornings UTC), so you might catch me at any time on those nights (probably on 7030 or below). But I'll make a special point to look for QRP stations as follows:

I will make every effort to call CQ on Wednesday night (Thursday morning = UTC) at 0400 UTC on or near 7040. This frequency is subject to change, due to local QRM and the fact that the calibration on my rig isn't that good. T=

his
is immediately after the Wednesday night fox hunt, so I'll try to find the
pileup and call in that vicinity. =

At 0400 UTC, I will call CQ NA DE DL/W0IS. I'll probably make it a fairly
long call. I will start by listening on my own frequency, but I will tune
around. If a pileup develops (OK, so I'm dreaming), then please call me =
off
my frequency. I think the RIT on the MFJ covers about 5 kHz either side,=
so
stay within that range. If local conditions are such that I prefer calls=
either up or down, I will indicate with UP or DN (if I'm sending UP, your=
RIT
should be tuning down, and vice versa).

If I manage to work anyone, of course I will QSL 100%. (QSL via my home
address or the W0 BURO, but *not* the DL BURO.)

Also, I will need to unsubscribe from the list before I go, so please direct
any replies directly to me and not to the list.

Hope to CU on 40 & 73,
Rick W0IS

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Sat, 10 Feb 2001 20:16:13 -0800 (PST)
From: ABCQRP <w6abc@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [91271] K1 E42 Message
Message-ID: <20010211041613.23974.qmail@web2105.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi K1'ers,
I'm in the process of putting together another K1.
This is #3 for me and this time Joy has halted at page
38 on the manual. So far as per the manual all checks

out ok until I got to the VFO range test. The E42 message shows up. All the DMM reading have been correct in previous steps, the diodes are installed correctly there are no solder bridges and other componenets are where they should be installed. I suspect maybe one of the polystyrene caps (1200pf and 3300pf) may have blown even though I kept the solder time to a minimum. I don't have a signal tracer and thought maybe there might be something I can do before building the signal tracer circuit and doing a thorough trace. Anyone have this happen? Any suggestions? The other 2 K1's went together perfectly for me so I'm a bit dissapointed this time, because my solder work is getting better with the practice!

72,
Jack

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only \$35 a year! <http://personal.mail.yahoo.com/>

Date: Sat, 10 Feb 2001 21:37:45 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: qrp-l@lehigh.edu
Subject: [91272] FYI - I just saw this item OHR400 setup
Message-ID: <3A861719.6C721321@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

There is an OHR-400 with Freq Display and the SCAF FILTER on ebay - buy now price is \$190, which seems like a pretty good deal to me for all three items. I sold mine a year or so ago, but really, really liked it - just a bit bulky for backpacking, but great for the desktop, IMHO.

Please, no flames - this is not my auction or anyone's that I know - just wanted to let you know.

72 - john - n0hj

Date: Sat, 10 Feb 2001 20:51:49 -0800
From: "Jensen, Gary" <GJensen@shaklee.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [91273] SMK-1 Question
Message-ID: <873AB5163AE6D311B3F200D0B744304303AE648D@has42.shaklee.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I was just about to start putting my SMK-1 kit together when I noticed that the silver solder I bought (Kester 27041 83715) contains some rosin. Will the rosin cause me any grief?

Thanks...

Gary
W6STN

Date: Sat, 10 Feb 2001 22:47:44 -0600
From: "James Parsons" <res075cz@gte.net>
To: <w6abc@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91274] Re: K1 E42 Message
Message-ID: <015d01c093e5\$c6c0eca0\$7c640304@vz.dsl.genuity.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had exactly the same problem and I found the 1200 pf polystyrene was shorted. Put an ohmmeter across it. I got a dead short so I lifted one end and still had a dead short. I had to put another in and it worked perfectly. I think the capacitor was shorted when I put it in.

Good luck...

73 de Jim, K5ROV...

James (Jim) Parsons, K5ROV, CMSgt, USAF, Ret., Ham for 60 yrs.
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

----- Original Message -----

From: "ABCQRP" <w6abc@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, February 10, 2001 22:16 PM
Subject: K1 E42 Message

> Hi K1'ers,
> I'm in the process of putting together another K1.
> This is #3 for me and this time Joy has halted at page
> 38 on the manual. So far as per the manual all checks
> out ok until I got to the VFO range test. The E42
> message shows up. All the DMM reading have been
> correct in previous steps, the diodes are installed
> correctly there are no solder bridges and other
> componenets are where they should be installed.
> I suspect maybe one of the polystyrene caps (1200pf
> and 3300pf) may have blown even though I kept the
> solder time to a minimum.
> I don't have a signal tracer and thought maybe there
> might be something I can do before building the signal
> tracer circuit and doing a thorough trace.
> Anyone have this happen? Any suggestions?
> The other 2 K1's went together perfectly for me so I'm
> a bit dissapointed this time, because my solder work
> is getting better with the practice!
> 72,
> Jack
>
> -----
> Do You Yahoo!?
> Get personalized email addresses from Yahoo! Mail - only \$35
> a year! <http://personal.mail.yahoo.com/>

Date: Sat, 10 Feb 2001 21:00:07 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: GJensen@shaklee.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91275] Re: SMK-1 Question
Message-ID: <3A861C57.9836AEAE@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Jensen, Gary" wrote:

>

> I was just about to start putting my SMK-1 kit together when I noticed that
> the silver solder I bought (Kester 27041 83715) contains some rosin. Will
> the rosin cause me any grief?

>

It should not.

Phil W70X

Date: Sun, 11 Feb 2001 00:13:03 -0500

From: "ZOOM" <kandrparker@sympatico.ca>

To: <GJensen@shaklee.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [91276] Re: SMK-1 Question

Message-ID: <002201c093e9\$502f15e0\$39cdfea9@einstein>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Yes that solder is fine, that's what I used!

If you really feel you need to clean the board after, use lemon juice and
flush with water.

Robert

VE3RPF

----- Original Message -----

From: "Jensen, Gary" <GJensen@shaklee.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, February 10, 2001 11:51 PM

Subject: SMK-1 Question

> I was just about to start putting my SMK-1 kit together when I noticed
that

> the silver solder I bought (Kester 27041 83715) contains some rosin. Will
> the rosin cause me any grief?

>

> Thanks...

>

> Gary

> W6STN

>

Date: Sat, 10 Feb 2001 22:03:34 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91277] Re: SMK-1 Question
Message-ID: <002c01c093f0\$5f7dfbe0\$1f0a280a@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gary,

 No worries, just use some Isopropyl Alcohol and a small paint brush to
clean it after if the construction is complete. Use 90% or better alcohol.
It works great...Take care...

73

Trev

KG6CYN

----- Original Message -----

> From: "Jensen, Gary" <GJensen@shaklee.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Saturday, February 10, 2001 8:51 PM
> Subject: SMK-1 Question
>
>
> > I was just about to start putting my SMK-1 kit together when I noticed
> that
> > the silver solder I bought (Kester 27041 83715) contains some rosin.
Will
> > the rosin cause me any grief?
> >
> > Thanks...
> >
> > Gary
> > W6STN
> >
>

Date: Sun, 11 Feb 2001 08:15:29 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@lehigh.edu
Subject: [91278] Coax between Rig/Tuner Figures
Message-ID: <G8KXAU02.B5A@mail.usd.edu>

Hi gang:

Any piece of coax transforms the load impedance to something else at the input end, no matter how short it is. The load impedance repeats exactly only at an exact half wavelength. Here are some interesting numbers:

3-ft piece of RG8X into a load impedance of $52-j0$ -ohms, transformed impedance at tx end:

7mHz	$52.26-j0.05$
14mHz	$52.35-j0.13$
21mHz	$52.39-j0.23$
28mHz	$52.38-j0.33$

6-ft piece of RG8X etc.

7mHz	$52.48-j0.19$
14mHz	$52.52-j0.46$
21mHz	$52.36-j0.68$
28mHz	$52.10-j0.75$

Next, calculate the capacitance of a reactance of $-j0.19$, etc.

Bear in mind that although the SWR needle may be laying dead to the left at the tuner, it is very likely in most cases (barring the use of lab instruments) that the perfect 1:1 reading actually indicates zero reactance. So, the "load," in this case the input of the tuner, will not be purely resistive. That in turn will produce a transformed reactance at the tx end, the input of the line.

In many QRP rigs, the low-pass output network (filter), which is not a bandpass filter peaked for max. efficiency, will dampen out any noticeable effect upon output power.

It is easy to check out whether your coax between rig and tuner is doing some nifty impedance transformation. If you have a ZM-2 tuner with LED SWR bridge, build another into your rig or as a plug-in (to antenna jack). First tune the ZM-2 for complete dimming of the LED. Then plug in or switch on the bridge LED indicator at the rig and switch the ZM-2 "tune" to off. If no impedance transformation is taking place, both LED's should be "out" or completely when you switch between them.

72, Ade

Date: Sun, 11 Feb 2001 06:20:18 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: qrp-1@lehigh.edu
Subject: [91279] First Saturday Meetings
Message-ID: <5.0.2.1.0.20010211061203.00a2ace0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

My error as others have already pointed out to me. This Saturday was not the first Saturday of the month.... :-)

The AZ sQRPion group put the meeting off one week because of FYBO contest last weekend of which the club was the proud sponsor thereof.

We did have the meeting today and I made it along with a multitude of others. Good meeting. The high point was some youngsters from a high school got to pick up some OHR rigs, my MFJ-941C, ARRL HBs, and some other goodies from the gang to help them along with their new club. And any morse materials will help them also if you have old study tapes, CDs, etc. Hey, just buy them new materials once in a while.

Those of you that throw out old newsletters, QSTs, Handbooks, etc. should first look to local libraries and clubs so that the material will have a second life instead of going to a landfill. You just might be the person to get some youngster on the right road to a happy hobby.

Those of you that have local clubs/QRPers that meet monthly, please be sure to announce on the list as we all frequently get requests to see if there is a local club.

FYI

P.S. The funny part was going into Fry's Electronics afterwards and seeing the gang there checking out the goodies. No NE602s though. :-)

Chuck Adams, K7Q0
Prescott, AZ k7qo@primenet.com <http://www.qs1.net/k7qo> <http://>

moon.pr.erau.edu/~adamsc

TMPS-2001 Feb 08, 2001 Q's = 120 States = 33 Counties = 102 DXCC = 8
SWL-30 with CMOS 3 keyer and HB Iambic Paddle 0.500W and vee-beam

ID TX LA ND CA AZ NM WY NV MT CO OR ME KY WA SD NE NC AR IA GA HI MN AL WI
(first 25)
MD OH CT MO SC TN OK PA (in order worked)

DXCC --- K XE VE KH6 V73 HI3 FM5 OH3

Date: Sun, 11 Feb 2001 01:33:10 -0500
From: Fran Flynn <fflynn@adelphia.net>
To: qrp-1@Lehigh.EDU
Subject: [91280] Re: SMK-1 Question
Message-ID: <3A863226.E0CC8F0@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I used standard 60/40 rosin core for mine. By "rosin" they only refer to the flux, not the solder, all electronic solder has flux, even the silver bearing type. You don't need silver bearing solder for this kit or any other kit, I've never used it and I see no reason for anyone to recommend it, except that the silver bearing melts at a slightly lower temperature and looks more shiny. Overall, you don't need the silver solder at all. You did just fine, you can clean the board if you want to, but you don't have to. It looks nicer if you clean the flux off, but that's the only reason I can think of to clean a circuit board and I've assembled many, it'll work just the same either way. In other words, relax and don't worry. If it plays on the air, you done good!

On the other hand, don't do what I did and sneeze while you are doing your SMK-1 kit, I flew one of the capacitors across the bench a week ago and haven't found it yet!

Fran Km1z

>I was just about to start putting my SMK-1 kit together when I noticed that
>the silver solder I bought (Kester 27041 83715) contains some rosin. Will
>the rosin cause me any grief?

>Thanks...

>Gary
>W6STN

Date: Sun, 11 Feb 2001 01:19:46 -0800
From: "Dave Fifield" <ad6a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91281] Brien Pepperdine?
Message-ID: <002f01c0940b\$c7a1e180\$0600a8c0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone have a current working email ID for
Brien Pepperdine? Let me know.

Thanks es 72,
Dave Fifield, AD6A

Date: Sun, 11 Feb 2001 01:31:15 -0800
From: "Dave Fifield" <ad6a@earthlink.net>
To: <wb8rcr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91282] 18-Pin SOIC ZIF? (was "Another SM question")
Message-ID: <004e01c0940d\$62876520\$0600a8c0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The Microchip "big" programmer has a personality module that
will allow you to program these but it's real expensive - needless
to say I haven't bought one (yet) - I'd be interested to hear if you
come up with one cheaper than this.

As Microchip phase out the DIL chips, they will HAVE to offer a
cheaper solution for programming the 18pin SOIC chips or they
will lose tons of business! I wonder if they have worked this out
yet?

Cheers,
Dave Fifield, AD6A

> Is there anything like a socket for an 18-SOIC

Date: Sun, 11 Feb 2001 01:59:10 -0800
From: "Dave Fifield" <ad6a@earthlink.net>
To: <n6kr@elecraft.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91283] Re: current consumption in FT817???
Message-ID: <007301c09411\$49ccfe60\$0600a8c0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You have made the point that the K2 is capable of being configured to take less current well enough, but I think in the interest of comparing apples to apples, the K2 should be run in the configuration that I had it in for these tests.

I used the high-intercept mode when I measured the K2. Both the K2 and the FT-817 had the backlight ON (that's how I like to run them anyway), the preamps in both were ON and so the best RX performance mode was being used in both.

Doug wanted results from the "normal used" mode at normal volume levels - I simply turned my K2 ON - I *normally* run my K2 in high-intercept mode with the preamp ON - so I didn't have to fiddle with the rig's configuration to get the tests done.

The gap between the K2 and the FT-817 in the current consumption stakes isn't as great as some people have postulated IMO. In both cases, I can operate for as long as I would ever need to on a small gel cell, so I'm happy with both rigs.

Regards,
Dave Fifield, AD6A

----- Original Message -----

From: Wayne Burdick <n6kr@elecraft.com>
(snip)

> For those who aren't familiar with the K2's power-saving modes: the
> figures you cite are with the backlight on, receiver in high-intercept
> mode, and preamp on. The current drain can be reduced to typically 150
> mA with backlight off, receiver in battery-save mode, and preamp off.

> This is the default mode that I use when operating from the battery,
> although of course turning on things when needed.
(snip)

Date: Sun, 11 Feb 2001 01:55:59 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91284] Question about Sound Card Software
Message-ID: <000d01c09410\$d73f2080\$7021500c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am wondering if anyone on the qrp-list knows of any software that would turn a computer with soundcard and a PSK (or other) interface into a phone patch?

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

Date: Sun, 11 Feb 2001 11:31:45 +0100
From: mike.mhe@t-online.de (Michael Haugrund)
To: Jan-OlafDL60B0@gmx.de, Max-dj7ru@t-online.de, dl-qrp-ag@qth.net, FUNK-TELEGRAMM@t-online.de, info@funkamateur.de, MGrassegger@t-online.de, dl1jddq@gmx.de,
 m.heusy@t-online.de, MKiehne@t-online.de, dl6ocm@darcd.de, mail@oevsv.at, manfred@shindengen.de, Uli.Poeggel@t-online.de, a.roesner@t-online.de,
Cc: hq@arrl.org, peter@barville.freeseve.co.uk, lz1fw@nettaxi.com, klar@cq-amateur-radio.com, crklub@mbox.vol.cz, g3rjv@gqrp.com, GQRP@onelist.com, hrs@hztk.tel.hr, qrp-l@lehigh.edu, zyg@morsum.demon.co.uk, hqpzk@pzk.org.pl, ve2zp@lynx.ve3jf.ampr.org, Guenther.Fromhagen@t-online.de,
Subject: [91285] Stimmen zum 9.ORIGINAL-QRP-CONTEST (30/31. Dez. 2000)
Message-ID: <14RtnF-1448WXx@fwd04.sul.t-online.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT

The QRP-CONTEST-COMMUNITY
c/o DJ7ST@DB0ABZ

10-Feb-2001

Liebe YL & OM,

viel Spass und Anregung beim Lesen der

Stimmen zum 9.ORIGINAL-QRP-CONTEST (30/31. Dez. 2000)

Great first QRP Contest! Band bad to Europe....not many QRP stations heard in this part of the world but had fun working some DX on QRP...will be back next year, hope to do better (ZS6DX).

Great Contest!! A lot of TWO WAY QRP contacts, band was so occupied even without BIG GUNS! Best QRP Contest ever (S53MA).

Ein Contest so richtig nach meinem Geschmack (DJ7JE).

Did not succeed in finishing my new QRP RIG so used my old HOT PARTY rig. Was very pleased to meet well known callsigns again (OK2BTT).

Ueberstuerzter Aufbruch in den Skiurlaub, einiges vergessen. Antennenleitung wurde aus drei ineinandergesteckten Verlaengerungskabeln realisiert. Als Antenne stand nur eine Dachrinne zur Verfuegung. Die Nachbarn vermuteten eine Dachrinnenheizung (OE/DJ5KZ).

Just after QSO 073(!) we had a major power break...after one hour in darkness I found two nickel cadmium batteries. I held them in place in series with a 12V accu with my left hand while sending with my right...(PA0RDT).

Die Aktivitaet war sehr gut, ich habe viele alte Bekannte auf den Baendern getroffen. Schade, dass sonst auf den QRP-Frequenzen nicht so viel Betrieb ist (DL6AAF).

..das war knapp, beinahe die Abrechnung vergessen. Im Garten draussen habe ich bessere Bedingungen (Antenne), hier zuhause leider nur Unterdach-Dipol... im Sommer wieder im Garten...freue mich schon (DL7GW).

Ufb Kontest! Gute Beteiligung und gute conds. Leider nach Ost + SO nicht so optimal, die vielen LZ, 9A usw. waren diesmal nicht zu hoeren (DL1AVH).

Good short skip conditions on 20m got me off to my best ever start. Worked 27 countries in 5 hours. Hope to build a 40m rig for 2nd QRP MINIMAL (G4WGR).

Vy sorry, much QRL, cuagn next time (YU7LS).

Eigentlich hatte ich ja gar keine Zeit, aber man kann doch die lieben OM nicht alleine lassen...(DF1GN).

Wohne im Stadtzentrum umgeben von jaehrlich steigendem Stoeernebel.
Ich nehme seit Beginn des Contests teil und merke es daher:
es wird schwerer fuer QRP in der Innenstadt (DK6JK).

Mich haben die verhaeltnismaessig guten Signale der VLP-Stationen begeistert,
werde diese Category auch mal testen.
Mir gefaellt vor allem die detaillierte Auflistung der Geraete (DJ3KK).

Good condx on 20m with new ANT = nice OQRP Contest (LZ1IQ).

Macht immer wieder Spass! Vielen Dank an die Organisatoren! (DL7UW0).

Ein Jammer mit dem "Jammer"(DL4LBB).

Eine Sturmboee hatte meine big loop im Herbst endgueltig vernichtet,
mit der neuen wesentlich kuerzeren war auf 80m nicht viel zu bestellen.
Ein etwas stressiger (Termin) aber dennoch schoener Contest (DL1JGA).

...nochmals Dank fuer die Muehe bei Ausrichtung und Auswertung.
I'm addicted to the O-QRP-Contest. Always a lot of fun (DF2SJ).

Angefangen habe ich den Contest nur, um eine Ausrede gegenueber einem sonst
hartnaeckig Wurzeln schlagenden Besuch zu haben....
Was sich in den gut 30 Jahren die ich lizensiert bin, nicht geaendert hat:
Die nervigen Leute, die sich nicht einpfeifen koennen (DK3UZ).

...looking forward to next QRP event (OK1DXK).

Sometimes terrible noise on 7030.
Nice to hear stations from 7020-7040 calling OQRP test (PA3FGI).

Trotz Beanspruchung durch Kinder und Enkel konnte ich mich fuer ein paar
Stunden verdruecken...Diesmal bin ich anders rangegangen...das bringt jede
Menge QSO, aber kaum Multiplikatoren, ist aber am effektivsten fuer nur
4 1/2 Stunden Teilnahme (DM5AA).

Always glad to work 2-way QRP. Zu wenig Zeit dieses Wochenende.
Hoffe auf viel mehr Verbindungen im Juli 2001 (F5JDG).

Usually start on 40m. Had the good idea to begin on 20m this time.
Propagation was excellent with big signals from QRP stations.
We found more and more VLP stations (F6ACD).

The skip was short, so made 14 VLP contacts during the danish 1 hour
New Year Contest. No other than OZ stations could be heard due to QRM (OZ9KC).

...15 OZ-stations worked between 12-13 UTC, was part of a local danish New

Year Contest. I just wonder if the OZ hams knew that my output was only 0.9 Watts! (OZ9QM).

...war wieder ein grosses Erlebnis! Habe mir noch vor xmas einen Argonaut II zum Geschenk gemacht, und siehe da, "Geraet welch nich selbs gebaut geht auch". ...wohl mein bestes Ergebnis seit ewigen Zeiten (DL2LQC).

Durch die winterlichen Bedingungen auf 20m war die "Ausbeute" nicht so gross wie im Sommer-Contest. Trotzdem: Erwartungen voll erfuehlt (DK8SX).

No band "dead" this time. 20m my best band (G0KRT).

Poor conditions all over the bands...mni stn on VLP (I1BAY).

Not many QSO, temperature in my hobby room 3 degrees Celsius, hi! (9A3ML).

ECO nach Steinhauser 1967...vom Basteln habe ich erst mal genug (DL90E).

...very pleased again to meet old friends (ON4KAR).

..7 MHz is a very good band for this contest (OK1AIJ).

Kurz vor dem Contest musste ich noch den Loetkolben bemuehen... gutes Stationsangebot, freundliche OM...(DL1RPL).

40m ging wie immer sehr gut, fuer 80m werde ich wohl die Antenne wechseln muessen (DL4KUG).

Tolle conds, tolle Beteiligung. Ohne zusaetzliche RX-Vorselektion haette ich den Argonaut 505 nur als QSL-Kartenbeschwerer nehmen koennen, hi (DK90Y).

Beaucoup moins de stations entendues cette annee mais toujours tres heureux de participer a ce contest (FM5CW).

Bedingungen waren gut und es waren viele Stationen QRV, auch viele, die ich noch nicht gearbeitet habe (DL1RNN).

I could not do the full Contest- but this is a very QRL time for me (G3DNF).

Der Contest hat mit dem neuen QRP Geraet viel Freude gemacht. Gegenueber 1999 konnte ich das Ergebnis um 36 DXCC-Laender und 58 QSO steigern (DK3KD).

Der neue K1 hat seine Nagelprobe bestanden und die Contestpremiere hinter sich gebracht. Irgendwie war ausser EA8 kein DX zu holen (DL4TJ).

Ich wollte eigentlich nur meinen gerade fertig gewordenen QRP-Transceiver testen, aber dann ging es so gut, dass ich gleich weitergemacht habe (OE5KE).

Zum erstenmal hat mir dieser Contest keine Freude bereitet. 20m war fast immer tote Hose, 40m eine stark zunehmende Ellenbogenholzerei auf kleinstem Raum und 80m meist grosses QRM und schlechte EU-Bedingungen! SCHADE... bin dabei, einen "MAS" Transceiver zu konstruieren und werde zur "MAS" QRV sein (hoffentlich...) (HB2XY).

Was QRV in QRL place, so not QRV on 80m (HA8LNT).

Antennenverbot, Geheimantenne vom Balkon runter zu einem kleinen Baum (DL1JAK)

Der Contest gefaellt mir gut, man hat auch mit kleiner Sendeleistung Chancen (DL1HAA).

Nach der abendlichen Bastelstunde zur Beseitigung erst im Contest erkannter Fehler lief es ganz gut (DL8LRZ).

...beachtenswert die Signale der VLP-Stationen (DL5LBY).

Ich habe meinen Scout zum Argo umgebaut...(DF4ZL).

Leider war ich diesmal mehr in der Kueche als beim Kontest. Auf 40m gings hervorragend. Zeit sollte man haben! (DL4GN).

Met many participants of last years, so still nice to do (PA0ATG).

First time in QRP-Contest! (YU7KM).

Morsetelegraphy and homebrew is still alive (PA3ALM).

Ich fand nach langem Suchen eine brauchbare Indoor-Antenne in SPRAT Nr. 68... Diese Antenne ist sehr einfach zu bauen, Kunststoffrohr 2,5cm Durchmesser und 2m lang und 20m isolierte Litze darauf...laesst sich ausgezeichnet mit Collinsfilter anpassen, ermoeeglicht Betrieb auf 40m, immerhin 13 QSO (DL2BXC)

Europe was good, but worked only FM5 was DX-QRP (S53BH).

Aktivitaet im Contest war recht gut, war eine Freude, dabei gewesen zu sein. Best DX: FM, W u. UA9 (HB2DAX).

Aus gesundheitlichen Gruenden diesmal nur zeitweise dabei (DK1LG).

Antenne 3m ueber Grund auf 800m ueber NN ueber dem Innthal... Vielen Dank fuer die Vor- und Nachbereitung (DL1AVD).

With only one leg of my Inv Vee I still can make a lot of contacts in this fine contest. How low can you go?! (PA3FSC).

Power adjusted to 100mW. So it was really testing the "ears" of the stations worked (OK2PZL).

This is my first test. So hope this log is ok (SM5RWB).

This was my 9th OQRP Contest...and my 2.260 contest log entry at all (YU7SF).

Da Funkbude nicht geheizt, nur stundenweise Teilnahme. Grippe blieb aber bis jetzt aus!! Herzlichen Dank fuer Abrechnung und Vorbereitung (DL1ARH).

Wieder ein CW-Konzert, gute conds, mein Hunger war aber staerker...um 1340 musste ich den Kontest beenden und kochen, hi (OK1FVD).

Die Umbauvorschlaege fuer den QRP Plus haben sich positiv benmerkbar gemacht. Kein TVI mehr mit MTP 3055 in der PA. Prima condx auf 20m, dafuer war auf 80m wenig los (DF30L).

Es freute mich wieder, den vielen CW-Freunden Punkte und Multis zu geben. Mit indoor Antenne und 62 QSO bin ich zufrieden (HB9RE).

This Original QRP Contest for me is the best contest. It is very interesting to make good QSO with 1W.

Vy sorry that this contest is unknown in other parts of the world (OK1IF).

Frueher oder spaeter werde ich auf VFO umruesten!? (DK3BN).

Es war mal wieder ein superschoener Kontest bis dann am Sonntag gegen Mittag recht ruecksichtslose OZ-Stationen ihren Kontest auf 40m durchpruegeln mussten. Der Knueeller war OZ7... der exakt auf 7030 arbeitete (DL9SCO/DL0ULM).

A most enjoyable event- though my rig is dated!! (G8IB).

...am Sonntag konnte es nur besser werden. Und es wurde besser! Das ganze 40m-Band in der Hand der QRPer-ufb!! (DL1HTX).

Two days before the contest I built a Lazy H or VK-Special for 20m. It has fixed direction 240 degs to Western Europe...I hope to return in summer contest with maybe some other antenna experiments (OH7QR).

Mehr Zeit hat mir die Familie leider nicht gestattet (OK/DL2FI/p).

...hatte eigentlich nur so zum Spass mitgemacht um den Sonder-DOK in CW zu verteilen (DK5AN/DF0ERZ).

My VX0 covers only 14051-14058 kHz but plenty of stations were QRV within this portion of the band (PA0WDW).

20m very hard work this year. Nice to hear the bands active with QRP stations (GW0VSW).

Mein erster CW-QRP-Contest. Bin 17 Jahre alt...(DL1SMA).

Entschuldigung bei allen, die ich nicht gehoert habe, aber Frequenzumrichter in den Nachbarhaeusern machten es schwer, Signale unter S9 zu lesen (DM3FZN).

The pensioner without free time, hi. Hope it will be better next time (OK2EC)

"The same procedure...." (DK7BK).

Leider war auf 40m mit dem Mini 40 (VLP) nichts zu machen, deshalb nur der HW-9 auf 20m (DL3MCI).

Musste bereits nach 3 Stunden aus gesundheitlichen gruenden eine grosse Pause einlegen. Betrieb mit Clubcall DL0NZ fiel daher ganz aus (DK5RY).

Diesmal nur ein Checklog, der HW-9 will noch nicht so richtig...(DL7FZ).

Just a part time entry this time (G4EDG).

Gibt es eigentlich schon eine Webseite, auf der man die Ergebnisse und Ausschreibungen findet? (DK3RED).

OQRPC ist ein gestandener Contest geworden, Leute wie DF1... gaben sich richtig Muehe, den "boesen Contest" zu stoeren (DL5FDW).

Activity may well have been affected by the flooding in many places before the Contest and the heavy snow during it (G8PG).

Leider ging 20m nicht so gut (DL3AKF).

Breitband-Stoerung unterhalb 7035 kHz! Das 1. QSO fiel diesem Schwachsinn zum Opfer, leider! (DF4FA).

Konnte mit meinem Eigenbau nur auf 40m. .gute Rapporte von weiter entfernten Stationen, in der Naehue weniger gut bis nicht gehoert. Von 12-13 UTC deckten die Daenen das Band zu, war mit DC-RX nicht viel zu machen (DL9CE).

Mit dem K2 hat der Contest wieder viel Spass bereitet (DL3ECG).

Trotz des schoenen Winterwetters am O-QRP-Contest teilgenommen. Es war ja auch kein 5NN-Wettbewerb (DJ2GL).

...trotz familiaerem QRM wieder ein Superspass (OE8GBK).

...sehr gute Beteiligung auslaendischer Stationen (DJ3LR).

Fazit: Es ist keine Kunst mit 1W zu senden, wohl aber eine grosse Kunst, eine QRP-Station zu hoeren. Habe mich ueber OM geaergert, die immer wieder CQ riefen, obwohl sich schon ein pile-up auf der QRG gebildet hatte (DL3JGN).

Ich habe meine fuer die QRO-Station selbstgebaute FD-4 diesmal einem ausgiebigen QRP-Test unterzogen. Sie hat bestanden! (DL3LQM).

Should the contest coincide with the "wintersports"? I keep on having doubts. Nevertheless it was great to see how far 1/2 W reaches! (PA9RZ).

Wie leicht zu ersehen, bin ich wirklich nur sporadisch dabei gewesen, hi... mit Contests bisher ueberhaupt noch nicht in Beruehrung gekommen...(DF4SD).

Hatte nicht viel Zeit, trotzdem einige QSO gemacht, um die hervorragende Aktivitaet zu unterstuetzen (PA3AQV).

Mni tnx to the log checkers and behind-the-scenes workers (G4AWT).

Here is my first ever entry for the OQRPC, and I must say it was good fun but very tiring...thank you for putting on this contest again (G0TAK).

Ich musste feststellen, dass mein QRP-TRX Frequenzspruenge macht, habe dann den VFO-Drehko mit nur kleinem Erfolg behandelt...(DL8UAW).

Erfreuliche Abwechslung vom Silvestertrubel...(DL3VNL).

Diesmal passte der OQRP-Test so gar nicht in mein Konzept: Erst keine Zeit, nachts muede, obwohl sonst ausgepraegte Nachteule...andermal mehr (DJ1ZB).

Man wundert sich immer wieder, wo man mit der kleinen Leistung gehoert wird (DL5ANS).

Durch Zufall am 31. reingehoert und mitbekommen, dass der OQRP laeuft. So konnte ich doch noch ein paar Stunden mitmachen (DM3XI).

Mehr QSO hat meine 10 Monate alte Tochter nicht zugelassen (DL4SZ).

Durch Besuch und Einladung blieb leider nicht mehr Zeit (DL9QM).

QRP-Freunde zu treffen, war mal wieder ein schoenes Erlebnis (DJ3XG).

- - - - -

Naechstes QRPCC-Ereignis:

2. QRP -minimal art- SESSION (qrp-mas) Himmelfahrt, 24. Mai 2001, 19-23 UTC

- - - - -

73/2 Hartmut, DJ7ST

(mailing done by DF20K@DARC.DE)

Date: Sun, 11 Feb 2001 11:43:14 -0000
From: "Mike Swift" <m0cqg@dial.pipex.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91286] Help: Ten-Tec 1330 kit
Message-ID: <003201c09421\$3621f2c0\$540abc3e@uksolsf56>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all

I'm 90% finished building a Ten-Tec 1330 transceiver for 30m. I've successfully built a 1340 for 40m in the past, but one step in the 1330 instructions has me slightly foxed. On page 39 of the Assembly section, step 7-12 reads as follows:

"Read Carefully: To install C71, .01uF (marked 103), leave 1/4" of the lead furthest from Q10, bend and solder to the ground end of R38. Trim as needed."

My question is, do I need to pass that leg of C71 through its correct hole on the PCB, solder it in place, then solder the remaining portion to the ground side of R38 on the underside of the PCB? Or, do I leave that leg of C71 above the top side of the board and just solder it direct to the ground side of R38?

I could call Ten-Tec tomorrow, but it's a fairly expensive call from here in the UK - I hoped there may be a few 1330 owners on here who might be prepared to share their wisdom! Any help or advice much appreciated.

Thanks & 73

Mike
M0CQG

Date: Sun, 11 Feb 2001 12:06:48 -0000
From: "Mike Swift" <m0cqg@dial.pipex.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91287] Re: Help: Ten-Tec 1330 kit - Solved!

Message-ID: <008901c09423\$717a98c0\$540abc3e@uksolsf56>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All

Re my last message, another look at the circuit diagram and board has solved my question (RTFM, eh?). The leg of C71 in question can either go through the board or stay above the board, it makes no difference, as R39 (which is connected by a trace to that end of C71) is not used in the 1330.

Thanks & 73

Mike
M0CQG

Date: Sun, 11 Feb 2001 19:52:49 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91288] UHF frequency range on US version 706MK2G and FT817
Message-ID: <004201c09429\$bf6c7520\$b0f092ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear USA list members,
Would appreciate if any of you could mail me the
frequency range on both a.m. rigs, directly if you
don't mind to save bandwidth.

Here in YB land our 70cm allocation is from 430-440 MHz.
However the 706MK2G here comes without the DSP filter
build in, What a shame.

Heard TI4CF on 7.063MHz local sunset very-very strong
and mentioned that he use 6 el QQ???? however lots of
Japanese station calling him, cannot go through with 4 watts
SSB hi hi.

Vy 72 de YB1B0D
Donny

Bekasi Indonesia

Date: Sun, 11 Feb 2001 13:12:41 +0000
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [91289] Manuals & ladder line
Message-ID: <20010211.131250.-158123.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

Just in case you might have missed it & didn't think you needed to know anyway, I found something interesting at the W7FG (manuals for old radios you might have laying around) site:

100 ft 600 Ohm open wire ladder line for \$40.

That and the manual for the S38 I need to keep from gettin' more shockies.

<http://www.w7fg.com>

And Dwayne at LDG has the new RT-11 remote/in a weatherproof box auto ATU kit ready to sell you (and me).

If this keeps up I'll be broke before Dayton (again)!

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://w8ijn.www6.50megs.com> -- W8IJN --

<http://members.fortunecity.com/nilsbull>

"In MY day we had to FIGHT to have earphones! Every DAY was a STRUGGLE!"

-- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 11 Feb 2001 08:59:06 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <ad6a@earthlink.net>
Subject: [91290] Re: 18-Pin SOIC ZIF? (was "Another SM question")
Message-ID: <003901c09432\$cf612620\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

It may be that the way to do this is to program it in-circuit. I suppose I should read the dox and understand how to do it. The fancy programmers have ways to program in-circuit, but there are only a few lines involved, and it would seem like the circuit could provide a small header for programming.

Sounds like another in-shack "standard". I already have a standard way of hooking up LCDs so I can test the PIC before I build the entire circuit (easier to change the software than the wires). May be that SM PIC projects need to include a programming header.

I've had enough success with my NoPPP that I just can't see going out and buying a programmer. I calculate the cost at \$7 *at Radio Shack prices* and of course, virtually everything actually came from the junk box. It's a little work to rework it or build a new one for different models of PIC, but I change PIC models infrequently, and it takes a lot of \$7's to make up the cost of an actual MicroChip programmer <g>

hmmm.... seems like a nice weekend project, getting in-circuit programming working. I just made the mistake of looking at my calendar. Next weekend is the DX competition, weekend after that I expect to be building a K1, weekend after that I'll be fried just getting back from Texas, weekend after that is a hamfest, weekend after that I leave for Atlanta. These calendars are evil things!!

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Dave Fifield" <ad6a@earthlink.net>
Subject: 18-Pin SOIC ZIF? (was "Another SM question")

> As Microchip phase out the DIL chips, they will HAVE to offer a

> cheaper solution for programming the 18pin SOIC chips or they
> will lose tons of business! I wonder if they have worked this out
> yet?

Date: Sun, 11 Feb 2001 09:21:29 -0500
From: "Joe Roof" <jroof@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [91291] Re: K1 E42 Message
Message-ID: <000301c09435\$f0a69380\$022745cf@joes>

Same problem here....
Gary at Elecraft had me tack a junk box cap of approx value accross it (one of two) and it fired right up.
I guess it was open. He said they had had a lot of problems with the Poly caps and they were fragile.
Good Luck

Joe w4jhr

Date: Sun, 11 Feb 2001 09:45:18 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [91292] The Quarter Wave Coax Advantage
Message-ID: <20010211.094624.-23783.3.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Coax and feed lines a very good discussion.

The quarter wave coax has an advantage too.

A length of 1/4 wave coax will make a notch filter.

Remember . . . TWO things . . .

1) . . .

The 1/2 (one half) wave feed line REPEATS at it's input what it sees at it's output.

2) . . .

The 1/4 (one quarter) wave line reflects (among other things) the OPPOSITE.

IF a quarter wave feed line is open ended at it's output
THEN it will show (reflect) a short at it's input.

Therefore you can >T< an open ended quarter wave coax
to your regular feedline and realize a notch filter
at the frequency of the 1/4 wave 'stub' length.

You can parallel several 1/4 stubs for steeper skirts.

The MFJ 259 or equivalent makes an outstanding
1/4 wave 'pruning indicator when used in conjunction
with diagonal cutters.

John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 11 Feb 2001 08:13:48 -0700

From: "Rod Cerkoney" <n0rc@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "ncarc-1" <ncarc@qth.net>

Subject: [91293] FS: Red Hot 40 & LDG Z-11

Message-ID: <0E491qHFXfUGluqvpfZ00005aa9@hotmail.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

RED HOT RADIO RH40 \$150 Shipped CONUS

Tuning Range ~75kHz (Now set for 7.0 - 7.075)

Pout ~6W

Neatly built and aligned per manual, no mods.

Like new condition.

* * *

LDG Z11 TUNER \$150 Shipped CONUS

Automatically tunes most antennas 80-10m in a few secs.

Power Range: 0.1 to 60 watts (30 watts continuous)

latching relays to minimize current draw after tuning.

Factory assembled, like new condition.

* * *

Little time to use these items, so off they go to a good home where they will be used.

73, Rod N0RC
Ft Collins CO

Date: Sun, 11 Feb 2001 10:25:27 -0500
From: neil tanner <ntan@crosslink.net>
To: qrp-l@Lehigh.EDU
Subject: [91294] Our latest qrp gettogether...
Message-ID: <3A86AEE7.7AFEB7F0@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all-

The Gloucester Area (Va.) QRP and Homebrewers Club met Jan. 27, 2001.
This was our third get-together. Please visit our website for details.
Tnx es 72
Neil wa4chq
<http://www.angelfire.com/pe2/hott/jan27.html>

Date: Sun, 11 Feb 2001 10:52:25 -0500
From: "A Turner" <aturner13@triad.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [91295] Custome Service - AADE L/C Meter
Message-ID: <011a01c09442\$a0e52ca0\$a4611e01@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some of you may remember my glowing post after receiving my L/C meter by AADE. In that post I mentioned that I had messed up the clear window on the front panel all by myself.

Well, I received an email from Neil at AADE asking that I send him my address and he would send me a new front panel label. I had ordered from Morse Express rather than from AADE, I think because I wanted to use AMEX. I did promptly receive the replacement within the week.

My point is that this is an example of good service. I have every reason to believe that Neil would treat all his customers this way and we should support those that support us.

Alex Turner - N4BYJ

Date: Sun, 11 Feb 2001 10:03:02 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [91296] FOX - Team Results - correction1 -
Message-ID: <Pine.LNX.3.95.1010211100035.2805A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I can't add right, so the score for the Bayou City Brass Pounders should be 100; thanks to N1LN.

In memory of Joel, K1QM(SK) -

..Hunt #22 - N5TW -

The Raiders of the Lost RF - 48
Mary - NA6E

The Big Dawgs - 102
ET - N1FN *

Fred - VE3FAL
Rob - VE6JAZ
Earl - VA6RF *
Bruce- VE5RC *

Tom - N5TW *
Larry- N2WW * Clean Sweep
Bill - K0MP *
Bob - N6WG *

The ScQRPions - 89
Floyd - NQ7X *
Brian - K7RE *
Conard- WS4S *
Chuck - K7Q0
Bob - NK7M *

The Flying Pigs #1 - 29
Diz - W8DIZ
Rick - WB6JBM
Dan - N8IE *
Brian- KB9BVN
Dave - WR50 *

The Cheeseheads - 99
Brian - AE9K *
Jerry - N9AW *
Rick - NK9G * Clean Sweep
Lou - W9XU *
Jim - WA9TZE *

The Houston Hounds - 94
Bill - K5ZTY *
Bill - W5SB
Terry- KQ5U
Dan - KK5LD *
Danny- WA50JE

The New England Hunt Club - 35
Joel - K1QM(SK)
John - K1JD
Jim - KC1FB
Aron - N10DL
John - KB1ENS *
Seab - AA1MY

The Swamp Rats - 71
Paul - K4FB *
Jack - K4BYF
Pete - NV4V *
Fred - W2XN
Tom - N1TP *

The Buffalo Wings - 33
Mark - K2Q0 *
Dave - AA2PF *
Howard- K2UD
Bob - K2VNM
Scott - AC3A *

The Bayou City Brass Pounders - 100
Ed - K5VUU *
Bob - N5ET *
Henry - W5HNS
OJ - K10J *
Bruce - N1LN *

The Flying Pigs#2 - 13
Andy - N8MX
Kent - KB9VZS
Ron - N8VAR
Kenn - KM7KEN
Andrew - AC7CF

The Fox Terrors - 92
Tim - K5OI *
Don - K5AAR
Karl - K5DI *
Dave - W0CH *
Doc - K0EVZ *

The Cajun Thunder - 55
Joel - KE1LA
John - K5JS
Wayne - K5E0A *
Jim - N5IB *

The Underdogs - 68
Dan - N4ROA *
Roy - AB7CE
Art - KB7WW *
Glenn - WA7SPY

Tom - AC5JH

Ron - KI0II *

The VA Hams + OLW - 3

The NE-TX Tornados - 75

Mike - KT4FJ

Bill - K5JHP

Doug - W4IDW

Chuck - W5USJ

Skip - K0YWD * Yippykiyokyea!!

Don - K5DW *

John - W4IM

George- W5YR

Paul - W2RIA

Rich - N5JI

The Minnesota North Stars - 89

The Cockroaches - 4

Mert - W0UFO *

Gary - KM5TY

Scott- N0AR *

Dave - N0IT

Craig- AA0ZZ * Clean Sweep

Rich - K7SZ

Jim - N0UR *

Tom - WA1VAI/3

Pat - K0PC *

Mike - KD5CMN

The Night Owls - 30

The Terminators - 22

Thom - WI8W

Bill - NT1R

Jim - KJ0C *

Thaire - W2APF

Ed - N4XY

David - K7EL

Ronnie- KE4VPN

Bob - N7XY

John - K7FD/K7LOW *

Anthony- K8ZT

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

Date: Sun, 11 Feb 2001 11:04:21 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>
To: <n3aaz-qrp@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91297] Re: The Quarter Wave Coax Advantage
Message-ID: <001b01c09444\$5667bce0\$e0440f3f@dbw11main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

John and all,

Yes the quarterwave line can make a nice quick notch filter, but a simple "T" off the transmission line will induce other effects that may not be desirable.

Recall that at frequencies other than the one it is cut for, this same stub will be either a capacitive reactance or an inductive reactance. You can "T" it at the near (transmitter) end and let the tuner range deal with that fact - also putting it at the far end of a perfectly flat transmission line, the SWR on that line will no longer be 1:1 due to the added reactance and some other form of compensation may be required.

73,

Don Wilhelm -Chapel Hill, NC W3FPR home page:
<http://www.w3fpr.webprovider.com>
QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

----- Original Message -----

From: "John R Kirby" <n3aaz-qrp@juno.com>

>

> Therefore you can >T< an open ended quarter wave coax
> to your regular feedline and realize a notch filter
> at the frequency of the 1/4 wave 'stub' length.

>

> You can parallel several 1/4 stubs for steeper skirts.
>

Date: 11 Feb 2001 11:08:40 EST
From: Michael Goins <mgoins@usa.net>
To: QRP-L@LeHigh.EDU
Subject: [91298] FSD: LDG tuners, 1 QRP, 1 QRO
Message-ID: <20010211160840.9298.qmail@aw161.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

I want to try the new remote LDG tuner, so the following is for sale:

LDG tuner, QRO model, factory built, some scratches from being in the station,
a 9 cosmetically, a 10 in performance. \$125 shipped CONUS

LDG tuner, QRP model, factory built, a 10 in both appearance and performance.
Looks new. \$100 shipped conus. =

Also have:

MFJ World Band Shortwave receiver with an amplified speaker. Radio is excellent, the speaker is probably an 8 in appearance (works good). This is a regen radio and it works great. With manual. \$50 CONUS

QEX magazines: July 89, May-Dec 92, Jan-Dec 93, Jan-Dec 94, Jan-Dec 95, Jan-April 96. Something like 48 issues. \$20 CONUS

Reply off list please. =

mike
wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Sun, 11 Feb 2001 08:18:49 -0800

From: Wayne Burdick <n6kr@elecraft.com>
To: Dave Fifield <ad6a@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91299] Re: current consumption in FT817???
Message-ID: <3A86BB13.4B8EAC02@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave Fifield wrote:

>
> You have made the point that the K2 is capable of being
> configured to take less current well enough, but I think in
> the interest of comparing apples to apples, the K2 should
> be run in the configuration that I had it in for these tests....
>
> The gap between the K2 and the FT-817 in the current
> consumption stakes isn't as great as some people have
> postulated IMO. In both cases, I can operate for as long
> as I would ever need to on a small gel cell, so I'm happy
> with both rigs.

Dave,

I'm in agreement with you that your configuration of the K2 was appropriate for the test you did. But your numbers tell only half the story, because the K2 is not just an apple--it is also an orange!

The K2 really needs two entries in any current-drain comparison table: let's call them K2-HI and K2-LOW.

K2-HI is the configuration that you used, typical of home operation (LCD=NITE, OPT=PERF, preamp ON). Receive-mode current drain is in the 240-280 mA range.

K2-LO is the battery-saving configuration (LITE=DAY, GRPH=OFF, OPT=BATT, preamp OFF), with typical current drain of about 150 mA.

My point is that, in the case of the K2, K2-LO is an equally valid configuration for the purpose of comparing current drain among transceivers. This is especially true if you're comparing the K2 to the FT-817, since both rigs will often be used in the field, during daylight hours, in situations where current drain must be minimized.

73,
Wayne
N6KR

Date: Sun, 11 Feb 2001 09:11:49 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "ncarc-1" <ncarc@qth.net>
Subject: [91300] Re: FS: Red Hot 40 & LDG Z-11 **update**
Message-ID: <0E59ARf3s1l1NY30kkZI00005cc8@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The S0-11 has be sold.

The RH40 is still available

73, Rod N0RC
Ft Collins CO

----- Original Message -----

From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>; "ncarc-1" <ncarc@qth.net>
Sent: Sunday, February 11, 2001 08:13 AM
Subject: [NCARC] FS: Red Hot 40 & LDG Z-11

> RED HOT RADIO RH40 \$150 Shipped CONUS
>
> Tuning Range ~75kHz (Now set for 7.0 - 7.075)
>
> Pout ~6W
>
> Neatly built and aligned per manual, no mods.
>
> Like new condition.

>
> * * *
>
> LDG Z11 TUNER \$150 Shipped CONUS
*** SOLD ***

...

> * * *
>
> Little time to use these items, so off they go to a good
> home where they will be used.
>

>
> 73, Rod NØRC
> Ft Collins CO

Date: Sun, 11 Feb 2001 09:43:07 -0600
From: Karl Heimbach <kheimbach@earthlink.net>
To: boatanchors@qth.net, qrp-l@Lehigh.edu, HEATH@LISTSERV.TEMPE.GOV, swan@qth.net
Subject: [91301] More items on K5JS Web Page
Message-ID: <5.0.2.1.2.20010211093721.00a7e490@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Updated list on www.k5js.net

Yaesu FT-7, HW-7, Heath test gear, WWII tuning unit...

Thanks,

Karl

Date: Sun, 11 Feb 2001 11:30:43 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [91302] Appalachian Trail 02-10-01 Wrap-up
Message-ID: <012601c09447\$fb689d60\$240d5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Well I would like to thank all those who made a
contact with me on the AT in PA on Saturday.

If you are interested in what we did I have a small
story and some pictures at his location:

<http://www.n3epa.org/Pages/AT/AT%20in%20PA.htm>

Look for us back on the AT in March 2001 for a day long
operation.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.n3epa.org
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

Date: Sun, 11 Feb 2001 11:30:37 -0500
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [91303] Re: Another Tuna Tin mod - switched cap VXO
Message-ID: <20010211.113038.-449677.1.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After debugging 2 computers, "educating" the teens (at a VERY High DbA level I might add...) about the hazards of NOT virus checking disks from their friends and loading Win98 into 2 of 3 computers here at the house, I actually got around to catching up on the Email collected here.

Upon reading Jake, N4UY's post on the TT2 it struck a chord, so I dug out my QRP Notebooks and W1FB used a similar technique in one of his transmitters.

What Doug did was to put a rotary switch and an inductor in the ground leg of the crystal. For the 20M TX, he had a 10 uH inductor, and switched in caps ranging from 10 pF to 68 pF (he also suggested a 75 pF air variable instead of the switch and caps). He got a 10 KHz range out of the setup on 20M. Figure about half that on 40M. I can scan this if anyone is interested (off-list requests, please...)

I used a similar setup with a 100 pF air variable in a homebrew TX years ago. The FT-243 holders only moved 700 - 800 Hz but the plated Xtals in HC-6 holders moved 4 - 7 KHz this on 40M. The 10uH inductor was lifted from an old CB set as I recall...

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY Section

My night light runs more power than my Rig!!!

Replies - <mailto:wb2vuo@arrl.net>

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 11 Feb 2001 11:36:23 -0500

From: Pete Burbank <plburbank@kih.net>

To: aturner13@triad.rr.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [91304] Re: Custome Service - AADE L/C Meter

Message-ID: <5.0.2.1.0.20010211111806.00a72ec0@KIH.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:52 AM 2/11/2001 -0500, A Turner wrote:

> SNIP)int is that this is an example of good service. I have every reason to
>believe that Neil would treat all his customers this way and we should
>support those that support us.
>

>Alex Turner - N4BYJ

Alex and gang.,

I built mine last week.....it works great! I should have bought one a long time ago!!! Great job by Neil! Assembly at first had me scratching my head as there are no internal photos but managed to figure it out and it cranked up right away.

Then I started measuring some of those unlabeled parts in the junkie box.

73 to all

Pete NV4V

Date: Sun, 11 Feb 2001 11:35:47 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: w3fpr@arrl.net, qrp-l@Lehigh.EDU
Subject: [91305] Application . . . Re: The Quarter Wave Coax Advantage
Message-ID: <20010211.113551.-140897.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Yes, thank you Don (W3FPR), always, install the stub as close to the XCVR as possible.

Another ask for . . .
>for what application?

Field Day, having trouble with an adjacent site and or band.

John
N3AAZ
FM 19 xa

On Sun, 11 Feb 2001 11:04:21 -0500 "Don Wilhelm" <w3fpr@arrl.net> writes:
>John and all,
>
>Yes the quarterwave line can make a nice quick notch filter, but a
>simple
>"T" off the transmission line will induce other effects that may not
>be
>desirable.
>
>Recall that at frequencies other than the one it is cut for, this same
>stub
>will be either a capacitive reactance or an inductive reactance. You
>can
>"T" it at the near (transmitter) end and let the tuner range deal with
>that
>fact - also putting it at the far end of a perfectly flat
>transmission
>line, the SWR on that line will no longer be 1:1 due to the added
>reactance
>and some other form of compensation may be required.
>
>73,
>Don Wilhelm -Chapel Hill, NC W3FPR home page:
><http://www.w3fpr.webprovider.com>

> QRP-L # 485 K2 SN 0020 mailto: w3fpr@arrl.net
>
>
>----- Original Message -----
>From: "John R Kirby" <n3aaz-qrp@juno.com>
>>
>> Therefore you can >T< an open ended quarter wave coax
>> to your regular feedline and realize a notch filter
>> at the frequency of the 1/4 wave 'stub' length.
>>
>> You can parallel several 1/4 stubs for steeper skirts.
>>
>
>

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 10 Feb 2001 21:26:03 -0700
From: "Ron, KU7Y" <ku7y@qsl.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [91306] Sprints and Antennas
Message-ID: <000301c09448\$fe9f9000\$5ec6a9d8@com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi All,

I just got done playing around in the NA Sprint. This has got to be one of the most challenging contests of all time! But what a blast when my noise would stay away.....or stay below S9 anyway!

Several times I had to just shut the rig down and wait awhile until whatever is causing it calms down! I did catch out forced air heater making LOTS of noise but that was easy to shut off!

CW speeds were slower it seemed. I ran at 32 and 35 wpm and didn't have the feeling that I was running slow. Usually in this contest I feel like the new kid on the block with everyone running past me!

But let me tell everyone something.....and this is very important for QRPers.

If you have a 40m horizontal antenna that is up only 30-40 feet, think about how you can get it up to at least 75'. Moving the same antenna, lets say a 2 ele yagi for 40m, from 40' to 75' will make a whole new antenna out of it!! Trust me on this one folks. Or ask Chuck or any of the others here on the list that have been lucky enough to use both low and high antennas.

Using my Force 12 yagi at 85' and running 5w I was able to get somewhere between 150 and 200 QSOs in the sprint. Tonight, using this little High Sierra Screwdriver on the RV, I just did break 50 QSO's! Granted, I spent a LOT of time off due to the noise but I doubt that I could have broken 100 the way things were going.

I sometimes think that for every dime we spend on rigs, we should spend a dollar on antennas!

I hope that many of you had a chance to play in this one. I did work Bob, N6WG for my first contact! Hope you had fun Bob.

And the CQ WPX RTTY contest is going on this weekend also. Lots of fun to be had.

OK, back in my hole....

cul, Ron KU7Y
Full time RVing somewhere in the West!
(Currently near Quartzsite, AZ)
A Proud AZScQRPion
64,999,987 firearm owners killed no one yesterday

Date: Sun, 11 Feb 2001 11:47:15 EST
From: RangerSF5@aol.com
To: QRP-L@lehigh.edu
Subject: [91307] Strange QRM problem
Message-ID: <17.11791549.27b81c13@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I hope someone can shed some light on this as I used all my resources.
This just started about 2 weeks ago.
In early morning 7 AM I have normal QRN S-1 to S-2.
By 11 AM I'm up to an S-5.
By 3 PM I'm up to S-7.

By 7 PM I'm at a solid 10 over S-9.
Around 11 PM it starts to die down and within a half hour I'm working Europe
DX QRP stations with the needle just about S-1.
At 10 over S-9 the needle is steady.
When it's around S-8 to S-9 it seems to want to drop down a bit but comes
back up in a few minutes.
The QRM sounds like electrical noise but I can't seem to locate anything
local.
Any info/input that I can pass on to the power company will be greatly
appreciated.
Thanks
Bob
WA2HOQ

Date: Sun, 11 Feb 2001 11:48:51 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
To: <jroof@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [91308] RE: K1 E42 Message
Message-ID: <LPBBJAGIPFHKPJENAKLOKEDIDLAA.n1bq@wulfdn.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Had the problems with the VFO on my WM-20 SSB kit - Dave, NN1G, even
puts the caveat in the docs ... once you have solderd a polystyrene cap
in place don't touch the damned thing, they will break off a lead with
the slightest pressure ... of course I had to see for myself,
fortunately dave sent me another ... sigh ... some days you gets the
bear ... some days the bear gets you!

> -----Original Message-----
> From: Joe Roof
> Sent: Sunday, February 11, 2001 9:21 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: K1 E42 Message
>
>
> Same problem here....
> Gary at Elecraft had me tack a junk box cap of approx value
> accross it (one of two) and it fired right up.
> I guess it was open. He said they had had a lot of problems
> with the Poly caps and they were fragile.
> Good Luck

Date: Sun, 11 Feb 2001 11:59:17 -0500 (EST)
From: n2go@arrl.net
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91309] Re: cabinet latch source?
Message-ID: <Pine.LNX.4.21.0102111153400.3432-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks for the help guys.

They are SouthCo
>From their Living Hinge Series
series 100 black
Living Hinge Draw Latch
Model 07-10-102-12 latches for anyone else that wonders such things :)

Now if we could get someone interest in 5000 we could get them for .249
cents each....hmmm :))
Otherwise about \$6 for 10.

73,

Jim n2go

On Sat, 10 Feb 2001 n2go@arrl.net wrote:

>
> Anyone have a source for cheap plastic latches like those on the Sierra
> style cabinet?
>
> 73,
>
> Jim n2go
>

Date: Sun, 11 Feb 2001 10:05:57 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: <n6kr@elecraft.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91310] Re: current consumption in FT817???
Message-ID: <0E71LysdFFSANRUqhGA000006379@hotmail.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

----- Original Message -----

From: "Wayne Burdick" <n6kr@elecraft.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, February 11, 2001 09:18 AM
Subject: Re: current consumption in FT817???

> Dave Fifield wrote:
> >
> > You have made the point that the K2 is capable of being
> > configured to take less current well enough, but I think in
> > the interest of comparing apples to apples, the K2 should
> > be run in the configuration that I had it in for these tests....
> >
> > The gap between the K2 and the FT-817 in the current
> > consumption stakes isn't as great as some people have
> > postulated IMO. In both cases, I can operate for as long
> > as I would ever need to on a small gel cell, so I'm happy
> > with both rigs.
>
> Dave,
>
> I'm in agreement with you that your configuration of the K2 was
> appropriate for the test you did. But your numbers tell only half
the
> story, because the K2 is not just an apple--it is also an orange!
>

Folks:

This is an important point.

When considering radio gear, consider the subtle ergonomics of the Rig. RX and TX specs are only part of the story. For rigs in the K2, FT-817 class, they are very flexible and likely do more than any one user requires.

Consider this example: The 817 is better because it can do VHF/UHF. The K2 is better because it draws less current, has internal battery and ant. tuner. Truth is neither is better or worse they are just different! Consider how you will use the rig. Example I'm 99% HF, CW. The FT-817 is a poor choice for me. I don't need or want the added complexities of a wide band rig. I also enjoy taking my K2 into the

field, so the internal battery and ant tuner are an asset. So the K2 is a better choice. Smaller package less money. For My requirements:

K2

Prc: \$851, with tuner, batt & noise blanker

Wt: ~6-7lbs.

Sz: 8 x 8 x 3 inches

With the low current setting 2-3 hours of operation are possible.

FT-817 (fitted out to perform similarly to my K2 config)

Prc: \$900 with narrow CW filter

Tuner: \$50-150, depends on which one MFJ, Homebrew, Z11...etc

Batt: \$25-50, need at least 5Ah to get 2-3 hours of operation

Sz: depends on tuner & batt but the whole package is larger in volume and weight than the K2 package.

To reiterate neither is better or worse just different.

To help me select a rig I've developed minimal specs, and usage profiles that I consider a radio against. Example: Specs: Any radio I get must have RIT & Keyer or at least the ability to add them easily. It must be battery friendly. For usage I consider things like:

- o Do I need/want split ops, how is it set up?
- o How do I change bands, frequency, retune?
- o What adjustments is the Keyer capable of?
- o Freq read out, LCD, Dial marks other.
- o Size & weight

K2, FT-817, tastes great, less filling....you decide on the merits of your intended use.

To quote a famous QRPer RVing somewhere in the west: "OK back in my hole."

73, Rod N0RC

Ft Collins CO

Date: Sun, 11 Feb 2001 10:09:10 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: <qrp-1@lehigh.edu>
Subject: [91311] Cub Fox's Look
Message-ID: <Pine.LNX.4.31.0102110953100.786-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was fooling around with the stuff John Wagner has added to the web pages for Cub Fox Hunts. To see John's stuff with Netscape log onto the web page <http://www.qsl.net/k5di/fox/> and then click on Hounds RESULTS. This transfers you to John's computer's web page.

Now go down the list to where you are the Fox. There click on "View Map Plot" and a USA map is displayed and the station's you worked are placed as dots in the proper state. I looked at my stuff and it's so interesting I wanted to save it.

You do this by pointing at the map and clicking with the right button on your mouse. It will give you a lot of choices but take the one that will save a .gif file for you. It's about 90,000bytes and is saved to a file with the name like 2001-01-11-k5di.gif and that's it.

I renamed it k5difox.gif and when I want to look at it I bring it up on Netscape. You type Alt-0 and then in the little panel choose Find File and then view it. Works just fine. Really brings back that evening when you worked both coasts running 5 watts on 40 meters between the broadcast stations....:-)

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 11 Feb 2001 12:07:35 -0500
From: "Mark Adams, P.E." <k2qo@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [91312] TEST: QRP-ARCI SSB Today !!
Message-ID: <F3086HHGNZ4mF1IT18o00009189@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

With the thousands of K2's, FT817's, and rigs of every other ilk that run SSB, I imagine that today's contest that begins at 2000Z will be a humdinger of incredible proportions!

Here is the link with the official info:

<http://personal.palouse.net/rfoltz/arci/firesid.htm>

As Nike likes to say, JUST DO IT.

CUL on 10M,
Mark K2QO

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sun, 11 Feb 2001 12:08:33 -0500
From: Ed Kessler <edkess@epix.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91313] Looking for 20m crystal
Message-ID: <5.0.2.1.0.20010211120738.00a408b0@mailhost.epix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Does anyone know sources for 20m crystals, QRP frequencies?

Thanks,
Ed AA3SJ

Date: Sun, 11 Feb 2001 11:09:45 -0600
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <RangerSF5@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91314] Re: Strange QRM problem
Message-ID: <031701c0944d\$70c93100\$0200000a@mcg.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bob and all,

Please when you are asking for assistance with a problem please supply all the information so we have a fighting chance of answering your question. What rig? Band? Antenna? Power supply? Do you live out in farm land or an urban apartment? Describe as best as you can what the interference sounds like. What have you already tried to track down the problem? It's just

common sense.

73 de Cla KA0GKC

----- Original Message -----

From: <RangerSF5@aol.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, February 11, 2001 10:47

Subject: Strange QRM problem

> Hi Gang,
> I hope someone can shed some light on this as I used all my resources.
> This just started about 2 weeks ago.
> In early morning 7 AM I have normal QRN S-1 to S-2.
> By 11 AM I'm up to an S-5.
> By 3 PM I'm up to S-7.
> By 7 PM I'm at a solid 10 over S-9.
> Around 11 PM it starts to die down and within a half hour I'm working
Europe
> DX QRP stations with the needle just about S-1.
> At 10 over S-9 the needle is steady.
> When it's around S-8 to S-9 it seems to want to drop down a bit but comes
> back up in a few minutes.
> The QRM sounds like electrical noise but I can't seem to locate anything
> local.
> Any info/input that I can pass on to the power company will be greatly
> appreciated.
> Thanks
> Bob
> WA2HOQ
>

Date: Sun, 11 Feb 2001 11:15:03 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>

Subject: [91315] FOX - Team Results -

Message-ID: <Pine.LNX.3.95.1010211110846.6807A-100000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

...Hunt #30 - KV2X -

The Raiders of the Lost RF - 68

Mary - NA6E
Fred - VE3FAL *
Rob - VE6JAZ
Earl - VA6RF *
Bruce- VE5RC *

The ScQRPions - 119

Floyd - NQ7X *
Brian - K7RE *
Conard- WS4S *
Chuck - K7QO
Bob - NK7M *

The Cheeseheads - 129

Brian - AE9K *
Jerry - N9AW *
Rick - NK9G
Lou - W9XU *
Jim - WA9TZE *

The New England Hunt Club - 44

Joel - K1QM(SK)
John - K1JD
Jim - KC1FB
Aron - N1ODL
John - KB1ENS
Seab - AA1MY

The Buffalo Wings - 37

Mark - K2QO
Dave - AA2PF
Howard- K2UD
Bob - K2VNM
Scott - AC3A

The Flying Pigs#2 - 13

Andy - N8MX
Kent - KB9VZS
Ron - N8VAR
Kenn - KM7KEN
Andrew - AC7CF

The Cajun Thunder - 75

The Big Dawgs - 140

ET - N1FN *
Tom - N5TW *
Larry- N2WW *
Bill - K0MP *
Bob - N6WG

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Diz - W8DIZ
Rick - WB6JBM
Dan - N8IE
Brian- KB9BVN *
Dave - WR50

The Houston Hounds - 131

Bill - K5ZTY *
Bill - W5SB *
Terry- KQ5U * Clean Sweep
Dan - KK5LD *
Danny- WA5OJE *

The Swamp Rats - 102

Paul - K4FB *
Jack - K4BYF *
Pete - NV4V * Clean Sweep
Fred - W2XN *
Tom - N1TP *

The Bayou City Brass Pounders - 136

Ed - K5VUU *
Bob - N5ET *
Henry - W5HNS * Clean Sweep
OJ - K10J *
Bruce - N1LN *

The Fox Terrors - 125

Tim - K5OI *
Don - K5AAR *
Karl - K5DI
Dave - W0CH *
Doc - K0EVZ *

The Underdogs - 88

Joel - KE1LA
John - K5JS
Wayne - K5EOA
Jim - N5IB
Tom - AC5JH *

Dan - N4ROA *
Roy - AB7CE
Art - KB7WW
Glenn - WA7SPY
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Ronnie- KE4VPN
John - K7FD/K7LOW *

The Terminators - 26
Bill - NT1R
Thaire - W2APF
David - K7EL
Bob - N7XY
Anthony- K8ZT

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

...ps...the "*" beside each call means that station bagged a pelt in the
hunt.

Date: Sun, 11 Feb 2001 10:15:55 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "ncarc-l" <ncarc@qth.net>
Subject: [91316] Re: FS: Red Hot 40 & LDG Z-11 **update**
Message-ID: <0E18etaV4i2C5M1HxTh000055bf@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The RH40 has been sold.

Thanks to everyone for you interest.

73, Rod N0RC
Ft Collins CO

----- Original Message -----

From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, February 11, 2001 09:11 AM
Subject: Re: FS: Red Hot 40 & LDG Z-11 **update**

...
> > RED HOT RADIO RH40 \$150 Shipped CONUS
 *** SOLD ***
...

> > LDG Z11 TUNER \$150 Shipped CONUS
> *** SOLD ***
> ...
>

Date: Sun, 11 Feb 2001 10:24:54 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Mark Adams, P.E." <k2qo@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91317] Re: TEST: QRP-ARCI SSB Today !!
Message-ID: <Pine.LNX.4.31.0102111024130.850-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tried to see the web page but it doesn't exist.

On Sun, 11 Feb 2001, Mark Adams, P.E. wrote:

> Gang,
>
> With the thousands of K2's, FT817's, and rigs of every other ilk that run
> SSB, I imagine that today's contest that begins at 2000Z will be a humdinger
> of incredible proportions!
>
> Here is the link with the official info:
>
> <http://personal.palouse.net/rfoltz/arci/firesid.htm>
>
> As Nike likes to say, JUST DO IT.
>
> CUL on 10M,
> Mark K2QO
> -----

> Get your FREE download of MSN Explorer at <http://explorer.msn.com>
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 11 Feb 2001 09:27:09 -0800
From: "Dave Fifield" <ad6a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91318] Re: current consumption in FT817???
Message-ID: <002101c0944f\$ddc86940\$0600a8c0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Exactly - that's why I own both rigs.... #8-]

72, Dave Fifield, AD6A

----- Original Message -----

From: Rod Cercone <n0rc@hotmail.com>

(snip)

> K2, FT-817, tastes great, less filling....you decide on the merits of
> your intended use. (snip)

Date: Sun, 11 Feb 2001 09:44:38 -0800
From: Wayne Burdick <n6kr@elecraft.com>
To: Rod Cercone <n0rc@hotmail.com>, qrp <qrp-1@lehigh.edu>
Subject: [91319] Re: current consumption in FT817???
Message-ID: <3A86CF2E.86C80665@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod, N0RC wrote:

> K2....with the low current setting 2-3 hours of operation are possible.
>

> FT-817...need at least 5Ah to get 2-3 hours of operation
>
> To reiterate neither is better or worse just different.

Rod,

I agree with you your thoughts on rig selection and features. There are lots of variables, and every rig has its strong points; it's hard to nail them down based on one or two features alone. Obviously, the FT-817 has some great features that you could never pack into an easy-to-build kit, assuming the same package size.

However, I think your estimate of the K2's internal battery life (above) is on the low side, if you're assuming typical field operation. I ran through a sample calculation on this:

At 5 W, a typical K2 draws 1.0-1.5 amps on keydown in CW mode. If you transmit 1/3rd of the time, and the duty cycle is 50%, that means 1/6th of the time the rig will be drawing current at this rate. Assuming you're set up for low current receive (~150 mA), and using the high end of the TX current drain range to be conservative, the average transceive current drain would be:

$$1/6 \times 1500 \text{ mA} + 5/6 \times 150 \text{ mA} = 375 \text{ mA}.$$

The K2's internal battery is rated at 2.9 AH, but let's again be conservative and say you'll get 2.5 AH out of it. In this case:

$$\text{hours of operation} = 2500/375 = \text{about } 6.7 \text{ hours}.$$

In over two years of field testing, I have averaged 6-10 hours of CW operation at 5 watts, which is a bit better than the predicted performance. This included night-time operation with the backlight on.

When Eric and I have taken the K2s out for field day, we've found that we always have to switch from internal to external battery sometime after dinner ;)

73,
Wayne
N6KR

Date: Sun, 11 Feb 2001 11:43:54 -0600
From: "George, W5YR" <w5yr@att.net>
To: n3aaz-qrp@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [91320] Re: The Quarter Wave Coax Advantage
Message-ID: <3A86CF5A.F38F4D6F@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Downside: they can be "broad" in their frequency response although quite sharp in tuning to proper length.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

John R Kirby wrote:

>
> Coax and feed lines a very good discussion.
>
> The quarter wave coax has an advantage too.
>
> A length of 1/4 wave coax will make a notch filter.

Date: Sun, 11 Feb 2001 10:54:02 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Wayne Burdick" <n6kr@elecraft.com>, "qrp" <qrp-l@lehigh.edu>
Subject: [91321] Re: current consumption in FT817???
Message-ID: <0E54PUVhV3Ca3ayxAoh00005910@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wayne, et.al.

----- Original Message -----

From: "Wayne Burdick" <n6kr@elecraft.com>
To: "Rod Cerkoney" <n0rc@hotmail.com>; "qrp" <qrp-l@lehigh.edu>
Sent: Sunday, February 11, 2001 10:44 AM
Subject: Re: current consumption in FT817???

>
> However, I think your estimate of the K2's internal battery life
(above)
> is on the low side, if you're assuming typical field operation. I

ran

> through a sample calculation on this:

>

Agreed, I wrote only of personal experience. I've never gone much more than 2 - 3 hours at a time.

73, Rod N0RC
Ft Collins CO

...

Date: Sun, 11 Feb 2001 12:52:46 -0500
From: "N3BJ" <qrpdx@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91322] K1 Internal Battery
Message-ID: <001701c09453\$75fd39e0\$bbc4323f@pavilion>

Does anyone know if this is in picture soon ? Any details ?

Alan, N3BJ

Date: Sun, 11 Feb 2001 10:00:18 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: qrpdx@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91323] Re: K1 Internal Battery
Message-ID: <3A86D332.90EB962C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'd be surprised to see this as an option, unless owner designed.
There's not a lot of room inside, once the KAT1 and NB rae installed.
And, unlike the K2, there appear to be no
hooks and scars for such an option.

Not that it could not be done with a small pack, but there seems to be
no intent to.

Phil W70X

N3BJ wrote:

>

> Does anyone know if this is in picture soon ? Any details ?

>

> Alan, N3BJ

Date: Sun, 11 Feb 2001 10:10:57 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [91324] Re: Strange QRM problem
Message-ID: <00b701c09455\$fc12dec0\$47f2fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bob

You didn't mention what band, but I'm guessing at 40m.

If you have a portable SW receiver that can receive 7 MHz, make a small loop and use it to df the general direction of the interference, say from your house.

Then go a few blocks away and do it again. With two to four tries, you should be able to get a general idea of where the source is located.

I know it won't be easy, as the power, telephone, cable, etc lines all can carry the noise away from it s source. But you have to try.

Good luck and 73,

Bob N6WG

Date: Sun, 11 Feb 2001 10:17:12 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [91325] Re: Sprints and Antennas
Message-ID: <00bb01c09456\$db47fbc0\$47f2fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ron

Yes, I had a great time for my first try at the NA Sprint. Felt like a small dog caught up an big dogs brawl. Took me two hours to get the swing of it, and only worked 40m. Finally wound up with 56 contacts in the log, before checking for dupes. I'll do that today, and figure out my puny lil score. Seeing some of the scores already posted shows me just have far I have to go yet.

It's funny how some really loud stations can't hear us QRPers, yet others clear across the continent come right back on the first call.

I will definitely be back for the September running, but only after some high speed cw receiving practice :-)

73, Bob N6WG

Date: Sun, 11 Feb 2001 12:16:55 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: plburbank@kih.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91326] AADE L/C Meter IIB (longish)
Message-ID: <3.0.2.32.20010211121655.00982150@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Timely info on the Almost All Digital Electronics L/C Meter IIB.

I built mine one evening last week also. Probably took about 2 hrs altogether reading all the info carefully and making sure I understood all the parts. It's not a beginner kit but with some good elmer help, anyone could build it. One example in my kit, there were 3 10 mF 35 V electrolytics and 1 10 mF 10 V tantalum. A little thought said I should put the tantalum at the lower voltage output of the regulator. Probably would have worked OK anyway elsewhere... 8^)...

I built my L/C IIB while I was listening on 30 meters. I heard Chuck, K7QO, QS0ing on 10.115 and gave him a call. I told him what I was building, and he commented that he wondered how we ever got along without such a neat device. I finished the kit, checked it out and all was working fine.

Now I know what some of those parts are that I got in one of Dan's grab= bags.

Found it most useful for winding toroids and having a much better idea of

the actual inductance. I have some toroids that appear to be ferrite. I wound identical coils on a same-size yellow core and measured the inductance of both coils. The inductance was much greater on the unknown core and the value was such that I believe it to be an FT50-43. I know that the yellow core is a T50-2 and the inductance difference between the two types was about 100 times. The same general difference as the permeability between the 43 ferrite and the yellow powdered iron. Works for me!

Works good for checking filter capacitors. I was able to measure a bunch and find some that were close to the nominal values needed for an output filter. Much better than taking pot luck out of a bunch of standard values.

Should have gotten one of these L/C meter gems much sooner. Now if I could just find a \$100 100 MHz scope kit that works as well...

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
RARA #3, NETXQRP =96 <http://www.angelfire.com/tx4/netxqrpclub/>
[TMPS] Qs - 31 States - 18 DX - 7 @ 3W to Butternut HF9V

Date: Sun, 11 Feb 2001 12:56:59 -0600
From: "Tom K" <kkleiner@megsinet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [91327] Re: bending aluminum ?
Message-ID: <200102111858.f1BIwd133194@mail3.mx.voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> Any metal experts out there? I wonder what grade/hardness of aluminum
> would take a 90 degree bend. Some pieces of .062 aluminum that I have
seem
> to take a bend nicely. Another .050 piece snapped when I took it to
> 90 degrees. Any success stories out there?

Jim,

I don't know about grades but a couple tips:

The thicker the stock, the greater you should make the radius of the bend, i.e., thin stock = tight bend. In general, aluminum requires a greater radius than steel, thickness being equal. If you look at the stock you can see a definite grain pattern. Always put the crease across the grain. I realize that with a chassis there are four sides but keep in mind that a tight radius will probably show stress fractures. For simple brackets you can watch where you put the crease. Hope this helps.

Tom, N9HWC

Date: Sun, 11 Feb 2001 12:22:05 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>
Subject: [91328] Announcement: ScQRPion K7Q0 Manhattan Building Contest
Message-ID: <3A86E65D.E31005A6@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

The AZ ScQRPions would like to announce a second building contest, to be judged at the Ft. Tuthill Hamfest in July 2001.

It's actually quite simple to participate. Between now and then, you build anything that you wish, but it must be constructed using the Manhattan style of construction. Bring it to the hamfest, and it will be judged, along with all of the other entries, at the Saturday evening cookout by several judges, including our own Chuck Adams, K7Q0. It can be a kit that is based on this style of construction, or a completely homebrew design. The project must work, and a short description of what it is, how long it took to build, and any other pertinent information, must be included with the entry.

We will be offering some really nice prizes to the winners, which would be based on the art of homebrewing. I really do mean NICE! We need to have some idea of how many folks definitely plan on entering this event, so please send me your name, call, and roughly, the project that you plan to enter. The deadline will be March 15 (the ides of March for you scholars). If we have enough entries, we will have at least two categories, one for projects built starting from today, and one for projects begun prior to today's date. More entries, more categories.

This contest is completely separate from our formally announced JunkBox Wars, and our usual "open" building contest that we have held through the years at the Ft. Tuthill event.

Based on how many entries we receive, we will announce the categories, if any in a month or so.

So OK, people, 3 contests, big prizes, and a weekend (or more) in the pines at 7,000 feet in AZ. Warm up those irons!

Brian K7RE

AZ ScQRPions

Date: Sun, 11 Feb 2001 13:31:24 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [91329] FOX - Team Results -
Message-ID: <Pine.LNX.3.95.1010211132502.16461A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

...Hunt #31 - K4FB -

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Mary - NA6E	ET - N1FN *
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Earl - VA6RF *	Bill - K0MP *
Bruce- VE5RC *	Bob - N6WG *
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Jerry - N9AW *	Bill - W5SB *
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Lou - W9XU *	Dan - KK5LD *
Jim - WA9TZE *	Danny- WA5OJE
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Jim - KC1FB *	Pete - NV4V *
Aron - N1ODL *	Fred - W2XN *
John - KB1ENS *	Tom - N1TP *
Seab - AA1MY	

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Mark - K2QO *

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Art - KB7WW

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.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

...ps...the "*" beside each call means that station bagged a pelt in the
hunt.

Date: Sun, 11 Feb 2001 13:39:22 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [91330] FOX - Team Results - correction1 -
Message-ID: <Pine.LNX.3.95.1010211133806.17552A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

....the Swamp Rats get 1 more point because K4FB was the fox.

In memory of Joel, K1QM(SK) -

...Hunt #31 - K4FB -

The Raiders of the Lost RF - 71	The Big Dawgs - 145
Mary - NA6E	ET - N1FN *
Fred - VE3FAL *	Tom - N5TW *
Rob - VE6JAZ	Larry- N2WW * Clean Sweep
Earl - VA6RF *	Bill - K0MP *
Bruce- VE5RC *	Bob - N6WG *
The ScQRPions - 123	The Flying Pigs #1 - 39
Floyd - NQ7X *	Diz - W8DIZ
Brian - K7RE *	Rick - WB6JBM
Conard- WS4S *	Dan - N8IE *
Chuck - K7Q0	Brian- KB9BVN
Bob - NK7M *	Dave - WR50 *
The Cheeseheads - 134	The Houston Hounds - 135
Brian - AE9K *	Bill - K5ZTY *
Jerry - N9AW *	Bill - W5SB *
Rick - NK9G * Clean Sweep	Terry- KQ5U * Clean Sweep
Lou - W9XU *	Dan - KK5LD *
Jim - WA9TZE *	Danny- WA50JE
The New England Hunt Club - 47	The Swamp Rats - 107
Joel - K1QM(SK)	Paul - K4FB *
John - K1JD	Jack - K4BYF *
Jim - KC1FB *	Pete - NV4V *
Aron - N10DL *	Fred - W2XN *
John - KB1ENS *	Tom - N1TP *
Seab - AA1MY	
The Buffalo Wings - 38	The Bayou City Brass Pounders - 141
Mark - K2Q0 *	Ed - K5VUU *
Dave - AA2PF	Bob - N5ET *

Howard- K2UD
Bob - K2VNM
Scott - AC3A

Henry - W5HNS * Clean Sweep
OJ - K10J *
Bruce - N1LN *

The Flying Pigs#2 - 13
Andy - N8MX
Kent - KB9VZS
Ron - N8VAR
Kenn - KM7KEN
Andrew - AC7CF

The Fox Terrors - 130
Tim - K50I *
Don - K5AAR *
Karl - K5DI * Clean Sweep
Dave - W0CH *
Doc - K0EVZ *

The Cajun Thunder - 78
Joel - KE1LA
John - K5JS *
Wayne - K5E0A
Jim - N5IB *
Tom - AC5JH *

The Underdogs - 90
Dan - N4ROA *
Roy - AB7CE
Art - KB7WW
Glenn - WA7SPY
Ron - KI0II *

The VA Hams + OLW - 8
Mike - KT4FJ
Doug - W4IDW
Skip - K0YWD
John - W4IM
Paul - W2RIA

The NE-TX Tornadoes - 116
Bill - K5JHP *
Chuck - W5USJ *
Don - K5DW * Clean Sweep
George- W5YR *
Rich - N5JI *

The Minnesota North Stars - 116
Mert - W0UFO *
Scott- N0AR *
Craig- AA0ZZ *
Jim - N0UR *
Pat - K0PC

The Cockroaches - 4
Gary - KM5TY
Dave - N0IT
Rich - K7SZ
Tom - WA1VAI/3
Mike - KD5CMN

The Night Owls - 43
Thom - WI8W
Jim - KJ0C *
Ed - N4XY
Ronnie- KE4VPN
John - K7FD/K7LOW *

The Terminators - 26
Bill - NT1R
Thaire - W2APF
David - K7EL
Bob - N7XY
Anthony- K8ZT

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

...ps...the "*" beside each call means that station bagged a pelt in the
hunt.

Date: Sun, 11 Feb 2001 19:43:10 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: qrp-1@lehigh.edu

Subject: [91331] Radio Amateur Call Book CDRom Review
Message-ID: <5.0.2.1.0.20010211184010.00a3b510@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Yesterday, while at the AZ sQRPion meeting, I always run into the HRO store just across from the parking lot from Luby's Cafeteria where we meet. Just to look at current pricing of stuff, etc. You know. Hey, I drove 160 km to attend the meeting, least I can do is get some additional stops in the trip. Saves gasoline, etc.

So I decided to splurge this year and buy the new Radio Amateur Call Book, Winter 2001 edition, CDRom for \$49.95 retail. Price I paid BTW. I usually go with the QRZ CDRom, but I get tired of rewriting the UNIX code so that it works properly. The RACB above does not work under LINUX BTW.

First thing out of the jewel case and loaded into the CDRom drive I execute the setup.exe file. This allows you to install the program and ALL the data onto the hard drive. Something that I love 'cuz I don't like searching for CDs for each program to use. This puppy eats up 700MB right away, but hey I have 40GB to spare.....

Start it up and begin looking up calls. I sat down and wrote down all the 120 Qs into the K7QO logbook and began data entry into the computer. I'm doing this for a reason, thus the extra steps.

Since, I'm interested in just how well the antenna system is working I have a Rand McNally US map about 50 cm by 75 cm in size on a slightly larger bulletin board with cork backing that I can use map pins to push into the map for contacts made. This may not give me much more information, but it does look impressive with over 100 pins in it now and I have another 300 to go.... At \$2.49 per 100 it's not too expensive a project to undertake. Pins made by Moore Co. and I got mine at one of the local office supply stores. Office Max and other places didn't have them here in the country. The stores had those large cylindrical type push pins and they were too large for this project. I wanted the small spherical pin heads.

So I was using the CDRom program to look up addresses for QSLs and the county, which as noted by others isn't always correct, but it will do for starters. Then I saw that there was a button for a map on

the display of the data. Wow. The map of the state popped up for each station and a sonar type display centered on the stations QTH started up. I use the phrase "sonar type display" to mean a dot appears first at the QTH and then expands in a second or two as a circular pattern like you would see in old movies for sonar displays and repeats continuously. This helped me place the pins on the map as I couldn't find (of course) all the little suburbs of the large metroplex areas on the map. It would be too difficult and we all know these things change rapidly due to geopolitical issues, etc.

So, if you are one who does like to QSL (and I do though I sometimes lag behind when one of the notebooks gets into the wrong stack) and would like to have the data online in the house and don't mind the expense, then I have to recommend this CDRM. At \$49.95 it isn't to every ones budget limit and even though you can get the data for free off the internet I wouldn't count on that service always being there. It is paid for by my us regular customers or sometimes regular customers.

I haven't used the mailing label part yet. Sometime later tonight maybe after I lecture on angular momentum and moments of inertia to some students.

FYI

P.S. OT notes.

1. Anyone on the list have handy a late-1970's issue of the 68 Micro Journal. The one that specialized in Motorola microprocessors like the 6800, 6802, 6809, 68000, 68020, etc. I have a question.

2. You'll note that in all my posts I use the metric system of units. Now I have a serious concern. I'd like to see the ARRL in all their publications and QST use only the metric system. This is a science. This past week I was looking up some stuff on the International Space Station (ISS) on the web. Since October 31, 2000 we (the human race) will have at least one human in space forever if we can fund it, etc. BUT on the web page all the units were in English units (feet, miles, pounds, etc.)!!! Didn't NASA learn anything from the Mars rover program???? There are many nations signed up for the ISS project and the rest of them use only the metric system and let's hope that we are not the ones responsible for a large loss of resources and possibly human life due to some conversion error. I'm doing an article for the National Inquirer on this one.....

Again, dit dit

Chuck Adams, K7QO

Prescott, AZ k7qo@primenet.com http://www.qsl.net/k7qo http://
moon.pr.erau.edu/~adamsc

TMPS-2001 Feb 08, 2001 Q's = 120 States = 33 Counties = 102 DXCC = 8
SWL-30 with CMOS 3 keyer and HB Iambic Paddle 0.500W and vee-beam

ID TX LA ND CA AZ NM WY NV MT CO OR ME KY WA SD NE NC AR IA GA HI MN AL WI
(first 25)

MD OH CT MO SC TN OK PA (in order worked)

DXCC --- K XE VE KH6 V73 HI3 FM5 OH3

Date: Sun, 11 Feb 2001 12:45:52 -0700
From: Andrew Madsen <andrew@utahdesign.com>
To: qrp-1@Lehigh.EDU
Subject: [91332] Re: TEST: QRP-ARCI SSB Today !!
Message-ID: <3A86EBF0.1AF945CB@utahdesign.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That URL was working about an hour ago (I looked at it), but isn't now.
I have a cached copy of the page on my hard drive, and I've copied the
rules from the page below:

Rules

Work station once per band.

Categories

All-band

Single band

High bands

Low bands

Multi-Op

DX

Exchange

RS

S/P/C (State/Province/Country)

ARCI number (non-members send power)

QSO Points

Member = 5 pts

Non-member different continent = 4 pts.

Non-member same continent = 2 pts

Multipliers

S/P/C total for all bands

S/P/C's count once per band
Power (PEP) NOTE THE HIGHER POWER LEVELS!
 >10W = X1
 2-10W = X7
 500mW - 2W = X10
 <500mW = X15
Final Score
 QS0 points X total SPCs X Power Multi
Suggested Frequencies (kHz)
 3865
 7285
 14285
 21385
 28385

Use the ASCII Form for help scoring your log.

Use the on-line reporting form to send your score and soapbox comments.

Send QRP ARCI contest entries within 30 days of contest date to:

Randy Foltz, K7TQ

ATTN: Fireside SSB

809 Leith St,

Moscow, ID 83843,

or email ASCII-text entries to <rfoltz@turbonet.com>

I hope to hear a lot of stations in the contest! I'll be there with my
K2.

--

73,

Andrew Madsen AC7CF

ac7cf@qsl.net

<http://www.qsl.net/ac7cf>

AOL IM: ac7cf

FISTS nr. 7439 | QRP-L nr. 2180

FPQRP#-71 | A.R.S nr. 738

SOC #376 | UARC | ARRL

Norcal | NOGAQRP | NJQRP

Date: Sun, 11 Feb 2001 14:58:10 EST

From: RangerSF5@aol.com

To: ka0gkc@arrl.net, qrp-l@lehigh.edu

Subject: [91333] Re: Strange QRM problem
Message-ID: <f5.72c4b1e.27b848d2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/11/01 12:10:56 PM Eastern Standard Time, ka0gkc@arrl.net writes:

Bob and all,

Please when you are asking for assistance with a problem please supply all the information so we have a fighting chance of answering your question. What rig? Band? Antenna? Power supply? Do you live out in farm land or an urban apartment? Describe as best as you can what the interference sounds like. What have you already tried to track down the problem? It's just common sense. >>

- 1 All rigs, QRP & QRO
- 2 . Antenna is a dipole
3. I live in the City.
- 4, I'm running from 115 volts AC.
- 5 It sounds like man made QRM but does not act like that.
6. Affects 40 meters only.

It changes with the time of day and evenings being the worst times.
Bob
WA2HOQrp <tm>

Date: Sun, 11 Feb 2001 15:14:35 -0500
From: Fran Flynn <fflynn@adelphia.net>
To: wb8rcr@arrl.net, qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [91334] Re: NE 602/NE 612
Message-ID: <3A86F2AB.AC945AE5@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dan's small parts has some SMT component assortment packages.

>From Dan's page:

"150 PIECE SURFACE MOUNT GRAB BAG
THIS IS GOOD WAY TO GET STARTED IN SURFACE
MOUNT TECHNOLOGY WITH LOTS OF GOOD PARTS.
THIS 150 PIECE BAG CONTAINS CAPACITORS,
RESISTORS, SEMICONDUCTORS, AND OTHER SURFACE
MOUNT PARTS. MIGHT INCLUDE CRYSTALS, TRIM POTS

AND ETC. DAN'S PRICE ON THIS 150 PIECE SURFACE
MOUNT GRAB BAG IS ONLY \$1.00 "

<http://www.fix.net/dans.html>

-Fran Km1z

Date: Sun, 11 Feb 2001 19:22:28 -0000
From: "Mike Swift" <m0cqg@dial.pipex.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91335] FS in the UK: 40m MFJ Cub
Message-ID: <000501c09469\$e9e5c3c0\$b012bc3e@uksolsf56>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

All

I still have for sale an MFJ Cub for 40m. It is in 'as new' condition, boxed and with both the build and operation manuals.

I put this one together over the Christmas period. It was fun, but I really don't need it - it's just sitting on the shelf, so someone must be able to put it to better use. The radio has been very carefully built, and is putting out a solid 2 watts. After initial warm-up, it is stable - even during transmit. I have also fitted a BNC connector in the space provided.

The price of a ready-built Cub from Waters & Stanton is GBP 139.95 - I am selling mine for 70 inc. P&P within UK. May consider swap or part exchange for other QRP gear. Would also ship outside UK at cost.

Please e-mail me if interested.

Thanks & 73

Mike
M0CQG

Date: Sun, 11 Feb 2001 20:32:38 -0000
From: "Mike Swift" <m0cqg@dial.pipex.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91336] Ten-Tec 1330 - advice to builders
Message-ID: <000601c09469\$ea7cd3a0\$b012bc3e@uksolsf56>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All

I've just finished my Ten-Tec 1330 qrp rig and everything is now working fb.

I thought I would mention a problem I came across, and its solution, which may help others who build this radio (I notice there is quite a lot of interest in 30m at present, so maybe a few will choose this particular rig).

After completing the build and alignment, I connected a watt-meter dummy load. Everything looked fine on transmit, so I connected the radio up to my Z11 tuner and my attic slinky dipole, which I know works fine on 30m with the tuner. Key down, and WHOOOAAA! I can't get an SWR lower than about 3:1. Tried connecting my Icom 706Mk11G, and I immediately got a 1.3:1 SWR. Back to the 1330, and the SWR is up around 3:1 again.

After much playing around, I found the solution. In the build manual, you are told to wind L8, L9 and L10 'close wound'. These toroids form part of the transmit LPF. The manual warns you that if you don't close wind them, power will be significantly reduced. Well, spreading out the windings on L9 (and hence decreasing the inductance slightly) did not reduce my transmit power, and it got rid of my high SWR problem. Maybe I could have achieved the same result by taking off one winding from L9, but this was quicker and easier...

Anyone considering the 1330, I would say 'go for it'. Nice little radio - hot receiver, great AGC, and the transmitted signal sounds very clean. And the QSK is as nice as my K1...

73

Mike
M0CQG

Date: 11 Feb 2001 15:35:58 EST

From: Michael Goins <mgoins@usa.net>
To: qrp-1@LeHigh.EDU
Subject: [91337] FS: LDG tuners, etc.
Message-ID: <20010211203558.3546.qmail@aw162.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Both LDG tuners are sold. The MFJ SW receiver and the QEX magazines are still available. Thanks.

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Sun, 11 Feb 2001 15:41:08 -0500
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-1@lehigh.edu>
Subject: [91338] TenTec 248 Noise Blanker FS
Message-ID: <004101c0946a\$f77d4480\$4991d4d1@toshiba>

First, the Tentec 1140 and 1125 circuit breakers that I listed last evening are gone. The 1170 and 1179 (used for the Century 21 and 22, CW only rigs) are available. There must be a real demand for the 1140, from the number of requests I got.

I also found a TenTec 248 noise blanker. This is the noise blanker that goes in the Omni 546, Series A and Series B, xcvs. It is quite effective on some noise, and not effective at all on other types of noise. It includes an extra xtal filter on the noise blanker board, so that the bandpass is not "broadened out" as much as most noise blankers.

It does not go in the Omni series C, as they came with a different blanker installed as a standard item from the factory.

This one has all the paper work with it, for \$50 plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@fdt.net or W8EK@juno.com
Voice Phone (352) 732-8400

Date: Sat, 10 Feb 2001 20:24:01 -0500
From: David Sarraf <david.sarraf@paonline.com>
To: n2go@arrl.net
Cc: qrp-1@Lehigh.EDU
Subject: [91339] bending aluminum ?
Message-ID: <3A85E9B1.4AC18486@paonline.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim:

6000-series aluminums such as 6061T6 are strong and machine nicely but tend to crack when bent. 5000-series aluminums such as 5052 are strong yet bendable. 1100-series aluminums such as 1100H14 are a good alternative with better thermal conductivity and somewhat less strength than 5052. The 6000-series materials contain a few percent silicon. I do not remember what is in 5052, and think that 1100 is nearly pure.

Any of these are available from McMaster Carr and possibly MSC (Manhattan Supply Company).

Hope this helps. I have done the same thing and know exactly what you went through.

Dave Sarraf

Date: Sun, 11 Feb 2001 14:59:58 -0600
From: "Bill Johnson" <b1ljohn@msn.com>
To: <n0rc@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [91340] RE: current consumption in FT817???

Message-ID: <LPBBIJFJHHMCDNHIEMMCOEPDDOAA.b1ljohn@msn.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Rod,

Great comments! I also have both. The K-2 is my main rig. It is better at noise reduction, CW, and ease of use. I use the 817 for vhf-uhf, I consider it my upgraded (an understatement) FT290R, which I regretfully sold years ago. I had been looking for a replacement and along came the 817, and I couldn't resist. The 817 does a better job when I am mobile getting through the intermod areas around the Twin Cities. I have a Z-11 in case, but haven't had a need to fire it up. Both rigs sit on my desk in my office at home and I am always monitoring different bands at the same time.

When travel comes, I am ready. I will take the 817 because I don't want a scratch on my precious K-2. After all, I built it and know it inside and out. But all the stuff I read about ops doing to take the 817 portable, they may as well go smaller and take along the K-2. Everything in one small pkg!

72,

Bill
K9YEQ
b1ljohn@msn.com
MNQRP Club
K-2 (FT #35), FT 817, Rainbow Tuner, Norcal Paddle

-----Original Message-----

> Dave,
>
> I'm in agreement with you that your configuration of the K2 was
> appropriate for the test you did. But your numbers tell only half
the story, because the K2 is not just an apple--it is also an orange!
>

K2, FT-817, tastes great, less filling....you decide on the merits of
your intended use.

.....

73, Rod NØRC
Ft Collins CO

Date: Sun, 11 Feb 2001 15:00:34 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'aweiss@usd.edu'" <aweiss@usd.edu>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91341] RE: Coax between Rig/Tuner Figures
Message-ID: <01C0943B.6367C420.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello Ade--

My interpretation of your measurements would be that the matched line does
not do any transformation, within the limits of measurement accuracy.

72--Nick, WA5BDU

-----Original Message-----

From: Adrian Weiss [SMTP:aweiss@usd.edu]

Any piece of coax transforms the load impedance to something else at the input end, no matter how short it is. The load impedance repeats exactly only at an exact half wavelength. Here are some interesting numbers:

3-ft piece of RG8X into a load impedance of 52-j0-ohms, transformed impedance at tx end:

7mHz	52.26-j0.05
14mHz	52.35-j0.13
21mHz	52.39-j0.23
28mHz	52.38-j0.33

6-ft piece of RG8X etc.

7mHz	52.48-j0.19
14mHz	52.52-j0.46
21mHz	52.36-j0.68
28mHz	52.10-j0.75

Date: Sun, 11 Feb 2001 16:09:06 EST
From: Gsdavis7070@cs.com
To: qrp-1@lehigh.edu
Subject: [91342] re:fs
Message-ID: <62.bd159dc.27b85972@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

SWL-30 transceiver. Over one watt out. 25kc spread. Built in rigid metal box.
Painted
hw-9 chocolate brown. Still works A-1 60.00 I pay shipping
Gordy Nw0y

Date: Sun, 11 Feb 2001 15:22:06 -0600
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91343] FS: Wilderness Sierra & Accessories de K7SZ
Message-ID: <3A87027E.A668D158@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am helping a friend clean out his shack for a relocation move.
I have this equipment and can answer questions about it.
Pictures available on request.

Wilderness Sierra

160 - 10 Meter CW QRP Transceiver

Originally built and owned by Richard Arland, K7SZ
Featured on page 4-27 of "ARRL's Low Power Communication" Book by
Richard Arland, K7SZ

This Sierra features an analog "S" & Power meter, A builtin "Tick" type
keyer, a tune button and a power switch for the lamps.

The Sierra comes with ABX (adjustable bandwidth crystal filter) and the
"Buzznot" noise blanker installed.

The Sierra is in extremely good condition both inside and outside. The exterior looks almost brand new, no scrapes or dings. The electrical construction has a very professional appearance and everything works.

The Sierra comes with 9 band modules (160 - 10 M), manual, DC cord, and a copy of ARRL's "Low Power Communication."

Asking \$525.00, will pack, insure & ship to USA, other locations upon discussion.

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Sun, 11 Feb 2001 15:28:45 -0600
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Ten Tec mailing list <tentec@contesting.com>, Rhett Isley <risley@ipass.net>
Subject: [91344] FS: Ten-Tec Scout & Accessories
Message-ID: <3A87040D.4E82FD65@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am helping a friend clean out his shack for a relocation move.
I have this equipment and can answer questions about it.
Pictures available on request.

Ten-Tec Scout

50 watt HF SSB/CW transceiver

Superhet RX with "Jones" adjustable bandwidth filter, RIT.
PTO with Digital display and FLS frequency lock system, Builtin CW keyer.

The Scout is in extremely good condition with only a couple of small scratches on the bottom of the case at the rear. Electrically it is a 10, no mods or repairs.

With band modules for 80, 30, and 20 Meters.
Comes with mike, photocopy manual, and DC cord.

Asking \$425.00 OBO + packing, shipping, & insurance from TX.

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Sun, 11 Feb 2001 15:38:36 -0600
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Ten Tec mailing list
<tentec@contesting.com>, Rhett Isley <risley@ipass.net>
Subject: [91345] FS: Ten-Tec Argonaut 515 QRP Transceiver
Message-ID: <3A87065C.3C7612A@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am helping a friend clean out his shack for a relocation move.
I have this equipment and can answer questions about it.
Pictures available on request.

Ten-Tec Argonaut 515

80 - 10 Meter SSB/CW QRP Transceiver

2 - 5 watts output, Analog PTO, Superhet RX with 2.4 KHz crystal filter,
RIT, RF gain
Serial # 515-0195

Comes with Ten-Tec 208A combination CW audio and Notch filter.

This 515 is in fair condition cosmetically. There are no major dents or
dings but there are several minor scratches and the paint has flaked off
in several small areas mainly on the top and rear of the case of both
the 515 and 208A. The radio could use a cleaning. Electrically the 515
is in very good condition, everything works. No mods or extra holes,
everything is original.

The 515 comes with 208A, DC power cord, ElectroVoice mike (not Ten-Tec),

and photocopy of manual.

Asking \$425.00 + packing, shipping, & insurance from TX.

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Sun, 11 Feb 2001 11:16:19 -0800
From: "N7SG K7FD" <cqdx@teleport.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Cc: <elecraft@qth.net>
Subject: [91346] Fireside SSB Test: 28.385MHz
Message-ID: <00c701c0945f\$1df87500\$6d231ad8@N7SG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

K7Low will be K2-ready on 28.385MHz starting at 2000Z - see you there!

John K7FD, Chief Op and Bottlewasher at K7Low
QRPacific <http://www.teleport.com/~cqdx/qrpclub.htm>

PS: Fireside Details: <http://personal.palouse.net/rfoltz/arci/firesid.htm>

Date: Sun, 11 Feb 2001 16:52:34 -0500
From: "Brian Murrey" <bmmurray@amexol.net>
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [91347] Scrounging parts
Message-ID: <00ce01c09474\$f1c7e360\$7b532bd1@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang....anyone got any IN5404 diodes, IN4004 diodes, and/or also need a
dc voltmeter panel (0-20VDC) and a dc ampmeter panel(0-3A).

I know I can buy them from one of the many catalogs but thought if you had

them wasting space in your junk pile, I'd just as soon buy them off you.
QRPer to QRPer.

I'm playing with power supplies. One more zap and I'll glow in the dark.

I only need about half a dozen of the diodes.

5K linear pots would help too.

72

```
=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
    39.558 N   86.095 W   Johnson Co., Indiana
    GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
    Member of the American Radio Relay League - SOC #400
    FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====
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Date: Sun, 11 Feb 2001 16:01:17 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91348] Re: Strange QRM problem
Message-ID: <007101c09476\$29b121a0\$91703ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Bob,

Often times power line noise from sources such as a dirty insulator will change with humidity (hence, time of day). You say it is on 40m only but if there is any chance of receiving it on the AM broadcast band you can use the bi-directional properties of the internal loopstick antenna to help pinpoint the source. This is sometimes easy and sometimes hard as the energy can be radiated along the power line for miles and will pick at regular halfwave intervals of the reception frequency. When you get to the source (assuming it is power line related) there will usually be a visual and/or audio related indication. Another good RFI "tracking" device is a portable radio capable of aircraft band reception. Since aircraft use AM and the wavelength is short it may bring you more directly to the source although the antenna will have no directional properties.

At least here in Texas the poles are identified with an individual number. Pass this pole number and general location along to the power company. Be

sure you are speaking with someone that handles EMI/RFI phenomena as all of the power companies I have dealt with have a person employed for this purpose. Just telling them you are receiving noise isn't likely to motivate them.

In the summer months I read reports of defective doorbell transformers responding much like you are reporting due to temperature variations in the attic where it was installed. What ever the source is it probably is either outdoors or in an attic given the diurnal characteristics.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Sun, 11 Feb 2001 17:36:08 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [91349] Building a Backpacking Station
Message-ID: <200102112209.f1BM9t216769@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi Gang,

When going on a day hike, the size, weight and battery efficiency of a rig you might bring along is of only minor consideration. Virtually any typical QRP rig one might own would be reasonable to use.

For an overnighter, one would start to get a little more picky, as you have more stuff to carry. But even so, if the hike into the camping area is not too long or difficult, it's amazing how much junk one can carry.

However, if your planing on an extended hiking trip, of several days, a week or longer, than the size and weight of the entire system needs to be looked at closely. After a few days on the trail, one starts to wish we had more food, or less weight and had left the radio gear home!

If all goes well, I hope to go on a extened hiking trip late this summer-early fall. Would like to hike Vermont's Long Trail, end to end, some 280 miles. The southern half co-insides with the AT and

the hiking isn't too hard. The northern half, they make you work hard for every mile.

So, I'd want to build a backpacking station which would be reasonable enough to carry for 280 miles, over 3-4 weeks. With that in mind, I'm starting to put together a package. The complete station must fit in a 1.5 pint Rubbermaid container, which has about 53 cubic inches of volume (7.5" x 4" x 1.75") and the complete package weigh not much more than a pound.

So far we have:

Container, 53 cu in, 3.5 oz.

Batteries, 8 alkaline "AA" cells, with holders, 7.03 cu in, 9 oz.

Key, made of Maple wood, 2.3 cu in, 1 oz.

Rig, Mini SMT, 30M version of MS-15 design, in Altoids tin, Rx current 14 ma, 2 watts out. 7.5 cu in, 3.5 oz.

Total weight so far = 17 oz

Total volume = 12.83 cu in.

That only leaves the earphones and antenna to consider. Plenty of volume left for that, but weight is near the limit. Earbuds should only add an oz or so. I'm thinking some sort of 1/2 wave end feed antenna, as to eliminate the feed line. This will take some experimentation. Guess some field trips to test the system will be in order :-)

72,

Steve, KD1JV in the white Mountains of New Hampshire

"melt solder"

Date: Sun, 11 Feb 2001 17:12:45 -0500

From: "AI2Q Alex" <ai2q@adelphia.net>

To: <bmurrey@amexol.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [91350] Scrounging parts and making do (metering) - long

Message-ID: <000401c09477\$c39031c0\$7e0af618@knbunk.adelphia.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Don't forget Brian that you can always take a milliammeter, or even a microammeter and shunt it to get your desired full scale (FS) reading, and then open the meter and paint a custom KB9BVN scale on it.

Even better, determine the milliammeter's internal resistance, and then use a small series resistor in series with your load (if you can endure a small voltage drop). Once you know the voltage across the resistor that happens at your rated load current, you can then calculate the value of a series multiplier resistor to make your junkbox milliammeter work like a voltmeter (of course, you mark/paint the scale to read current).

I do this all the time in my equipment, and typically use a pot for the multiplier (or part of it), and then calibrate against a known good ammeter. Then I glyptol down the pot so it can't be easily turned.

Occasionally if I'm stumped for space or a suitable meter, I'll put a DPDT switch in the rig and use one meter movement to measure both current and voltage. I do that in my 2N2/\$0 to read applied 12 V as well as PA current.

GL with your project. Below is the text of an earlier message to the group that I sent on this subject back a bout a year ago

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

----- >>>>

Do you need an *exact* replacement meter? If not, then you have the option of using almost any milliammeter. Let Mr. Ohm and his Laws be your guide.

What I typically do when I'm homebrewing is select a small low-current meter movement from the junkbox, and then measure its internal resistance. Once I know that, I determine the voltage drop across the meter at its full-scale rating.

You can measure internal resistance with a DMM (never a VOM!), or consult the handbook for a simple substitution method using two pots and a battery or small low voltage power supply. But, I digress.

Select a small resistor to go in series with the load (in the rig; whatever stage that may be). The current that's being drawn at that point determines the approximate value of the resistor. Once I know the voltage drop across that resistor, I then make a meter multiplier for my milliammeter movement.

To find the value of the multiplier, I take the total voltage across the "shunt" resistor that's in series with the load, and subtract the full-scale (F.S.) voltage that I calculated would be across the movement (I know the F.S. current, and the internal resistance, so $E = IR$).

Then I find the value of the multiplier by taking the difference voltage and dividing it by the F.S. rating of my meter movement. Usually I locate a small pot that's a bit higher in value, put it in series with the meter, and

then calibrate it for a F.S, reading--in the final circuit application, or using a "standard" benchtop instrument of your choice.

As an example, I just added a little 0-1 mA meter to the HBX-2Q SSB transceiver I'm building. The meter has an internal resistance of 153 ohms. The voltage across it at that current would be $E=IR$, or $0.001 (153) = 0.153$ V or 153 mV. Seems inconsequential, eh?

Well, I need to measure 500 mA in the drain circuit of my VN66AF power amplifier. If I put a 1-ohm resistor in that line, at 500 mA the voltage across that series resistor would be $E=IR$, or $0.5 (1) = 0.5$ V. Gee, a half volt drop is something I can live with out of 13.8 V from a typical supply. :-)

So, if I subtract 0.153 V from 0.5 V, I get 0.347 V or 347 mV. To find the value of the meter multiplier pot, I divide 0.347 by 1 mA, or $0.347/0.001$ to get 347 ohms. Reaching for a 500 ohm pot, I solder it in series with my meter and proceed to calibrate it, where the final setting will be 347 ohms (but I don't really care, as at this point I'm simply setting my new meter to full scale visually).

This is usually far easier to do than to try and wind a meter shunt of very low value. If you do that, it's hard to control the resistance at the terminals, soldered connections, etc. This method lets you precisely set the meter reading to what you desire. It does put a small "burden" in the form of an IR-drop on the circuit you're monitoring, but usually an ohm or two is tolerable. In my example, I lose a half volt.

To gild the lily, you can sometimes carefully open the meter, remove the scale dial plate, and repaint the scale to reflect the units you wish (you can add color warning bands and your callsign in there too; always a nice touch if you can open the meter movement).

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Brian Murrey

Sent: Sunday, February 11, 2001 4:53 PM

To: Low Power Amateur Radio Discussion

Subject: Scrounging parts

Hi gang....anyone got any IN5404 diodes, IN4004 diodes, and/or also need a dc voltmeter panel (0-20VDC) and a dc ampmeter panel(0-3A).

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    FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====
```

Date: Sun, 11 Feb 2001 16:14:49 -0600
From: "Marty N5NW" <n5nw@onebox.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [91351] Test -- please disregard
Message-ID: <00cd01c09478\$0d32e700\$0200a8c0@n5nw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please disregard. Thanks!

--

72 es 73 de Marty, N5NW

--
Lakeland (Memphis), Tennessee
<http://marty.w.tripod.com/>

Date: Sat, 10 Feb 2001 17:15:01 -0800
From: paul taylor <ptay1@bestweb.net>
To: qrp-1@Lehigh.EDU

Subject: [91352] FS Ten Tec 30m qrp
Message-ID: <3.0.32.20010210171500.0069c6c0@pop.bestweb.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have no 30m antenna. I have used a 40m trap dipole and an xmtch and have gone from ny to nova scota. This is respectable for this power level. Built by an engineer and has freq counter jack. (real men don't use them) Asking \$80.00.
reply off list

paul wb2gin

Date: Sun, 11 Feb 2001 16:04:01 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91353] Re: Building a Backpacking Station
Message-ID: <Pine.LNX.4.31.0102111551100.1184-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well I HAVE backpacked over 50 miles in the Gila Wilderness of NM and I carried a Ten Tec Argonaut 509 and C size nicads for power, a microswitch key and a roll up hook up wire for 80 through 10 meters, fed with rg 156 coax. It was heavy but needed since I had young boys on the 50 miler and they needed to "talk to mom".

Got the antenna high using a fishing pole with a heavy lead sinker to get over that high limb, then pull the antenna up with the fish line. Let it down in the morning.

Since your out there in the summer I would carry an NC-20 with a 10 turn pot and the nice case. Good looking rig and it's small and it runs 5 watts and the receiver works!

Don't forget a pencil and paper. You can't believe what you use for paper and pencil when out with 25 boy scouts....:-)

I think the alkiline cells are the best for a trip. The re-chargables can't be charged until you are done. I would use the next size up from AA and they will run a QRP rig for a long time.

Will be listening for you.

On Sun, 11 Feb 2001, Steven Weber wrote:

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>
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> rig you might bring along is of only minor consideration. Virtually
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> experimentation. Guess some field trips to test the system will be in
> order :-)
>
> 72,
> Steve, KD1JV in the white Mountains of New Hampshire
> "melt solder"
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 11 Feb 2001 16:09:47 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Subject: [91354] Happy Valentines Day (UTC) from the Fox
Message-ID: <B6AC69CA.68C2%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I am the FOX this Tuesday February 13, which is February 14 UTC or St.
Valentines Day!!

I will start calling at 0100 UTC, or 7:00 Mountain Standard Time. Look for me
around 7040 MHz depending on other activity. I will look for stations off my
frequency around 300 Hz. Please don't transmit if I am in QS0, if you can't
hear me, or if you aren't sure whether I am asking for new stations or not.
Other hunters will appreciate it if you don't transmit on my frequency.

I will use my TS-850 cranked down to 5 watts. It has RIT, which I will use.
I use a narrow CW filter, 200 Hz, so often I cannot hear the QRM that others
complain about. For particularly difficult situations I can go down to a
100 Hz bandwidth. This helps immensely in separating out the stations
calling. If you have access to a narrow filter, even an audio one, it will
help immensely in the fox hunt.

I just got done putting up a new antenna, so it should be interesting to see
how it works out. It is a 44 ft doublet up 30 ft. I will give more details
on it in an additional post.

Last time in the barrel I worked 75 stations or so. Conditions look good
enough to work that many again. I operate a little more laid back than other
foxes, so my totals are a bit lower. I still like to thank people by name

for the QSO, and greet old friends. This tends to reduce the totals, but it makes me feel better than just a TU 72 QRZ. I hope that you understnad.

See you Tuesday!! -Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 11 Feb 2001 17:37:18 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU
Subject: [91355] [TMPS] de W5USJ
Message-ID: <3.0.2.32.20010211173718.007f0ae0@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

TMPS results to 11 Feb, 2001

States (19)
LA, AR, PA, MD, FL, IN, OH, TN, VA, MI,
AZ, CT, WI, TX, NE, IL, CA, WA, NH

DX (7)
FR5, V3, J3, P43, VP5, 3D2, VE7

More of the same stations and/or same states worked twice. Loop antennas seem to be the most popular so far. About 80% of contacts from calling CQ and many Qs are QRP to QRP. Good stuff, neat band.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
RARA #3, NETXQRP =96 <http://www.angelfire.com/tx4/netxqrpclub/>
[TMPS] Qs - 35 States - 19 DX - 7 3W to Butternut HF9V

Date: Sun, 11 Feb 2001 18:46:13 -0500
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91356] Fireside Sprint Wrap-up

Message-ID: <3A872445.A4E7FE35@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, 10m is dead in this part of the world, so I'll share a few reflections on the experience. It was my first effort in a QRP contest, and I was able to cobble together about an hour and a half on the air. The big thrill was right off the bat--worked XE1KK about 9 minutes into the sprint, and he remained a strong signal into NC for two hours. He was running a whopping 4 watts.

Worked a total of 3 stations (hey--I'm not competitive but it was fun), almost 4. Two were in Oregon, so they must have really good ears up that part of the northwest. Tried search and pounce but could hear only a few ops sitting calling cq. While listening in, heard some big noise from here and there: VE5QRP was roaring in the headphones, and K7LOW, who I worked later, was also big into this region. Also tried sitting on a frequency and calling cq, but got no takers.

All in all, it was great to hear lots of activity around the 28.385.
Thanks!

73
Ken KG4FGC

End of QRP-L Digest 2095
